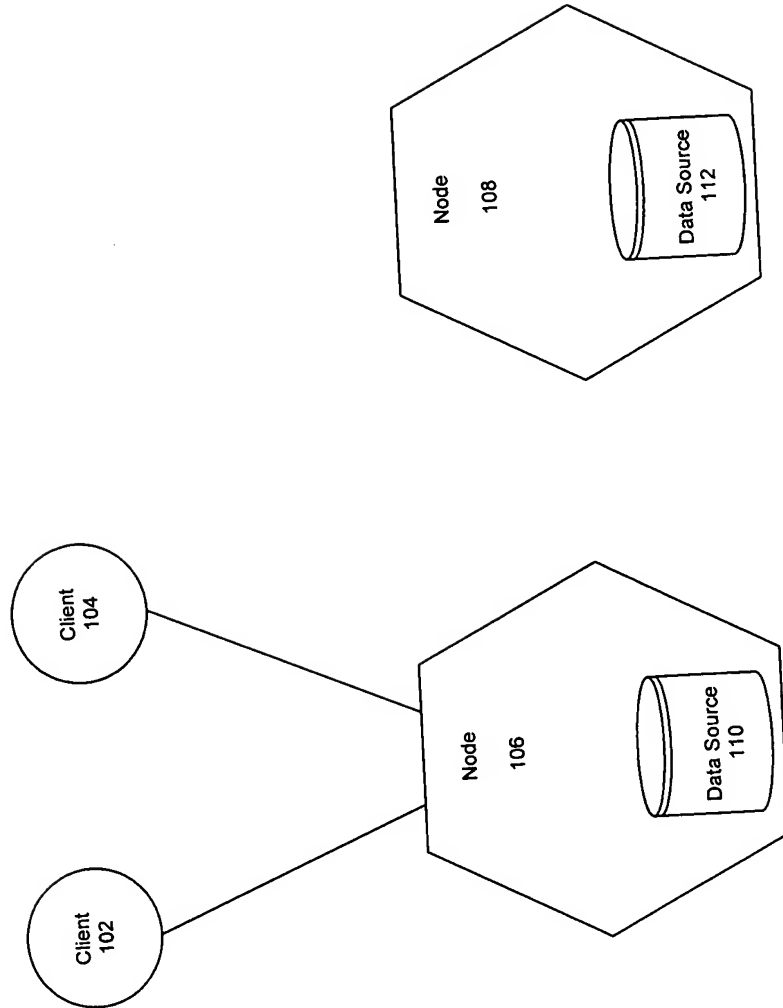


FIG. 1



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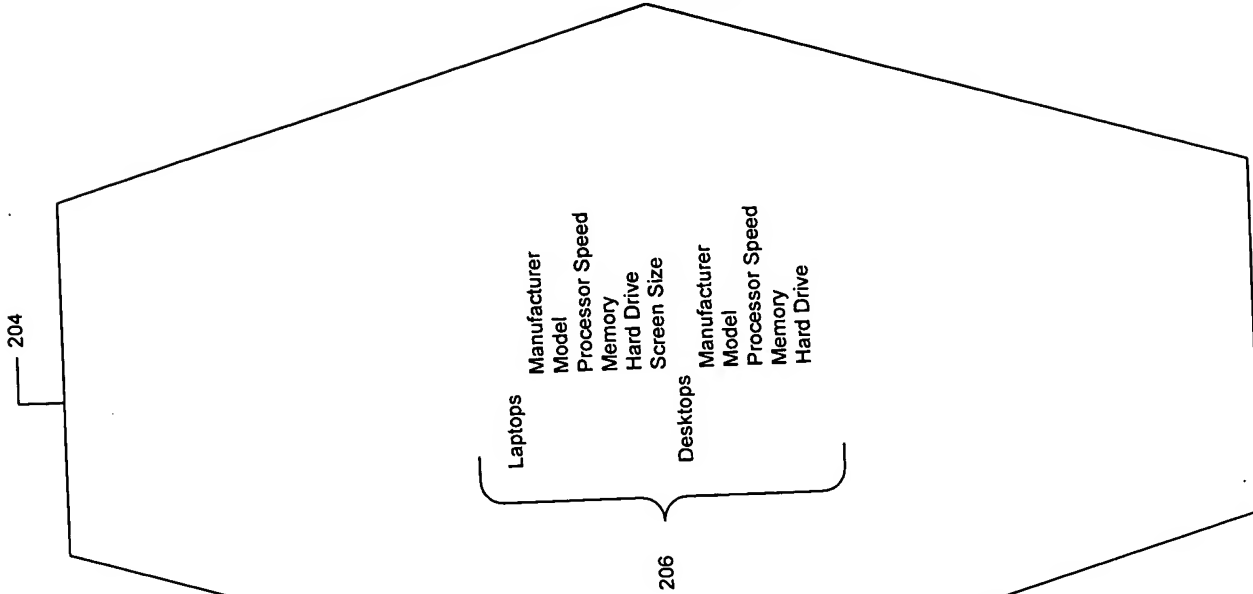
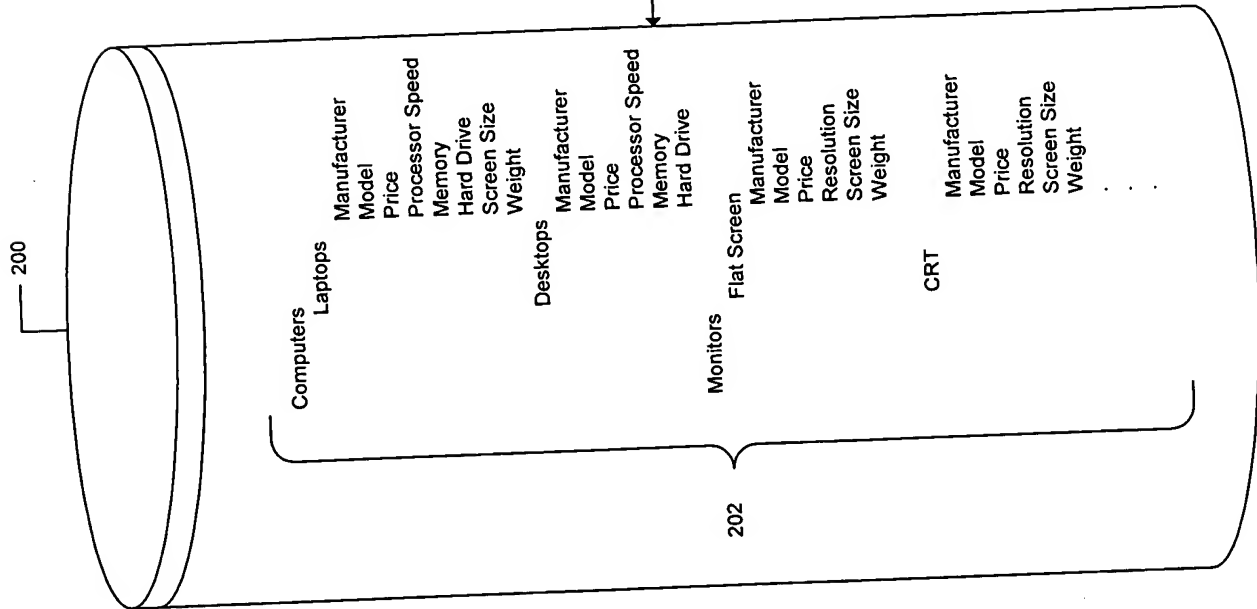
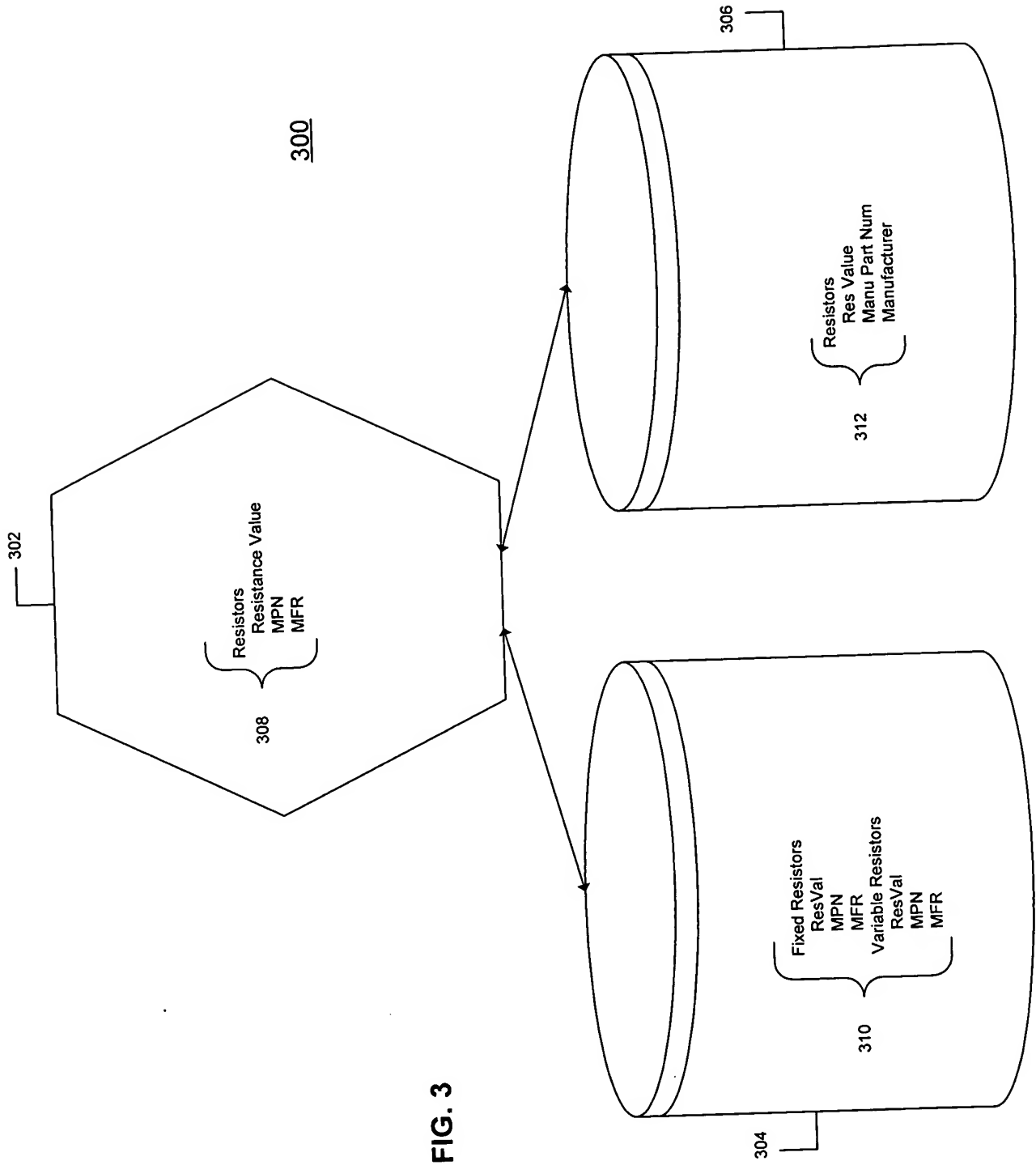


FIG. 2





400

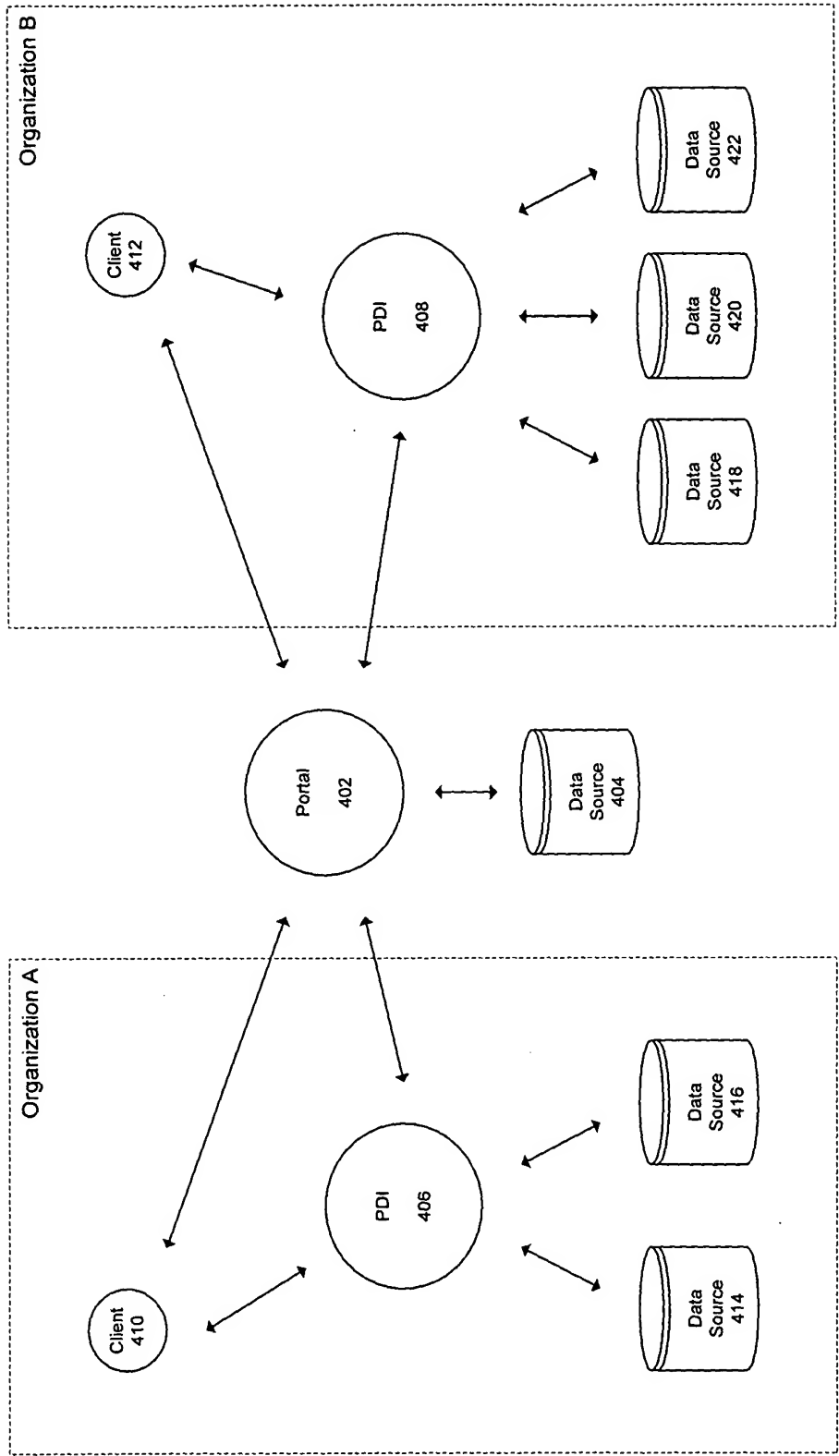


FIG. 4

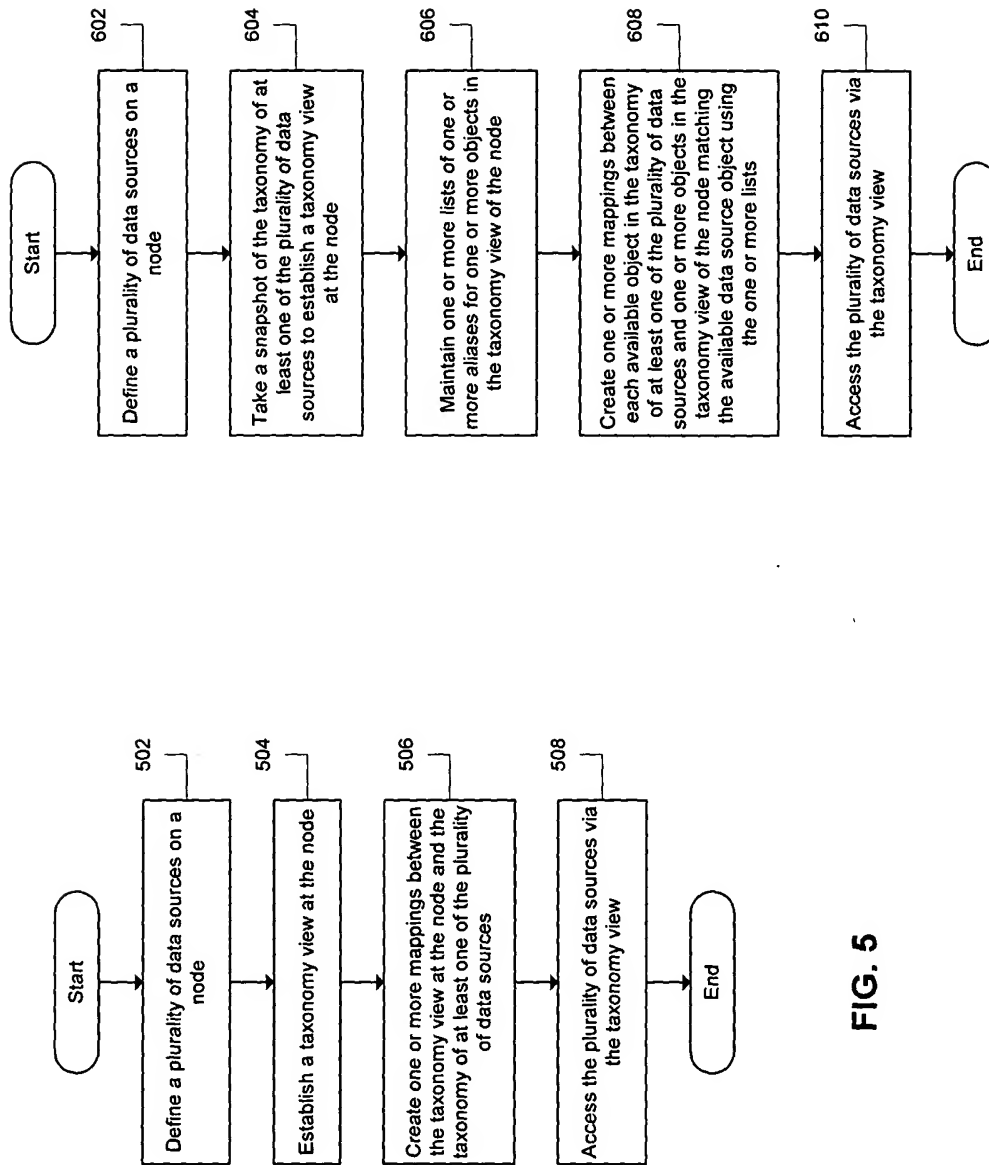


FIG. 5

FIG. 6

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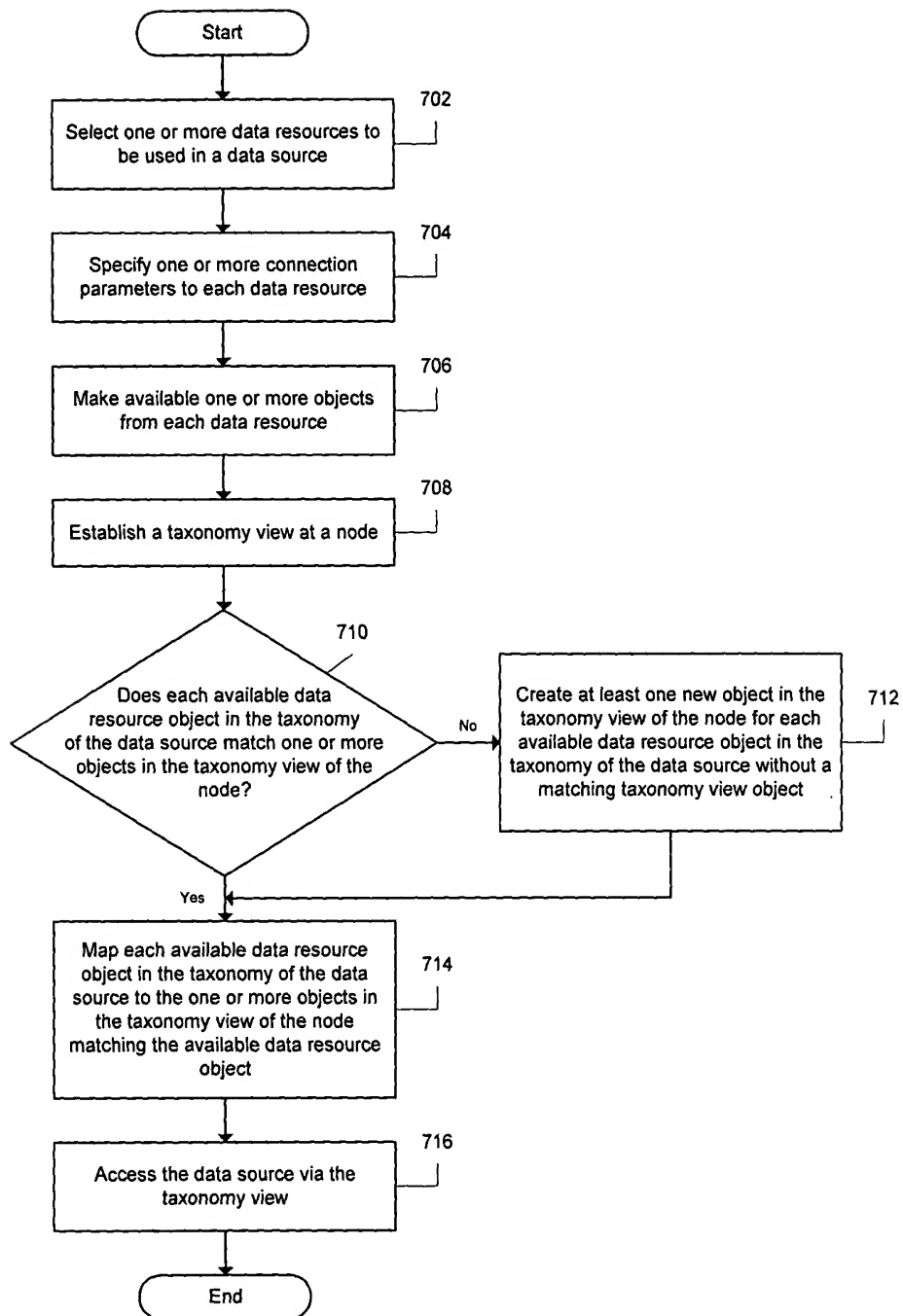


FIG. 7

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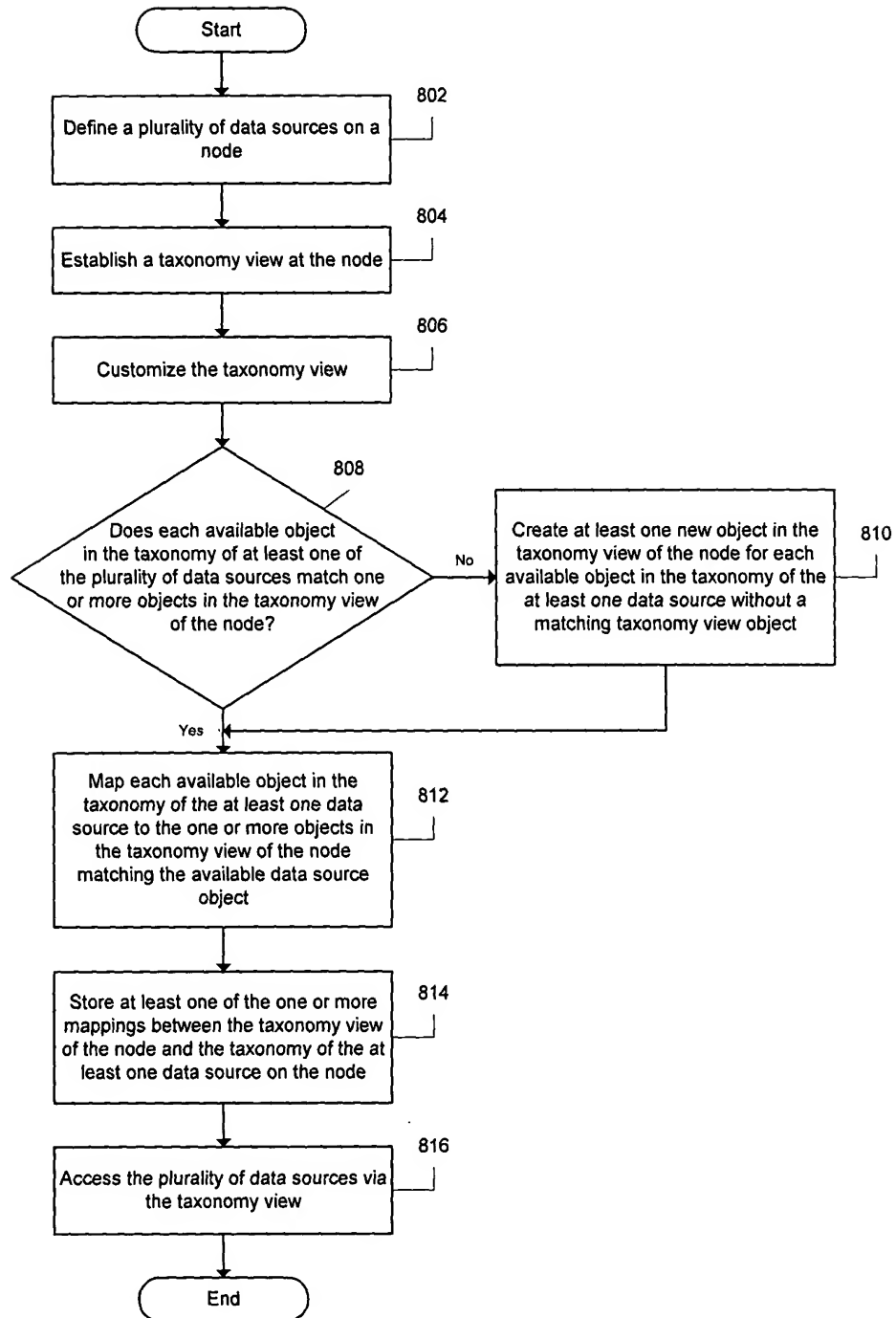


FIG. 8

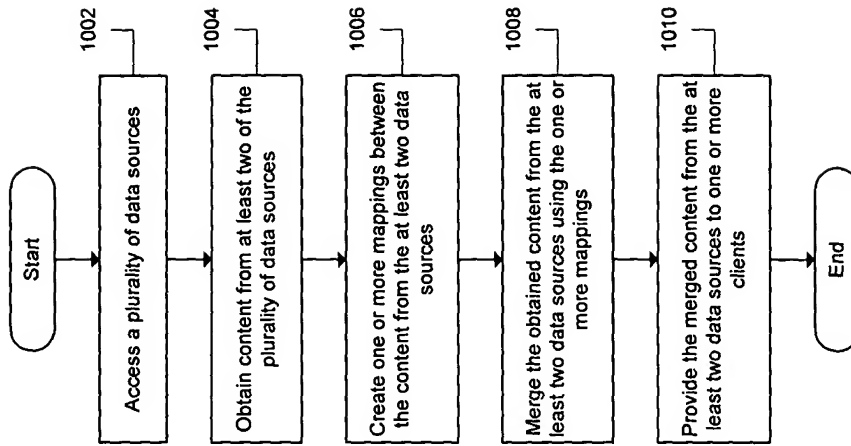


FIG. 10

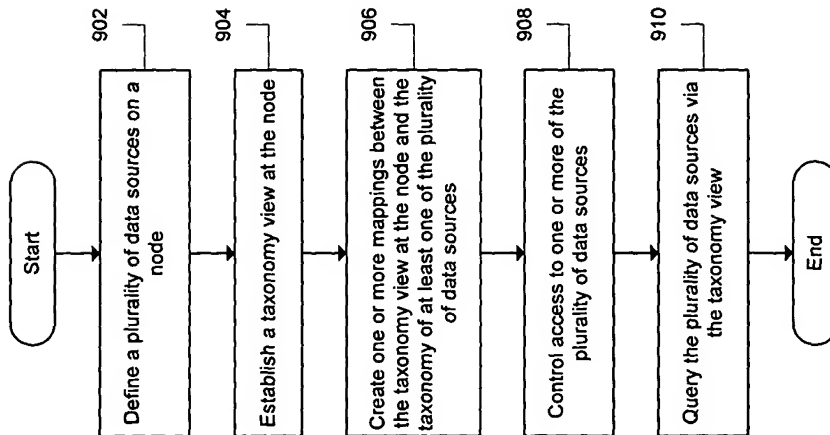


FIG. 9

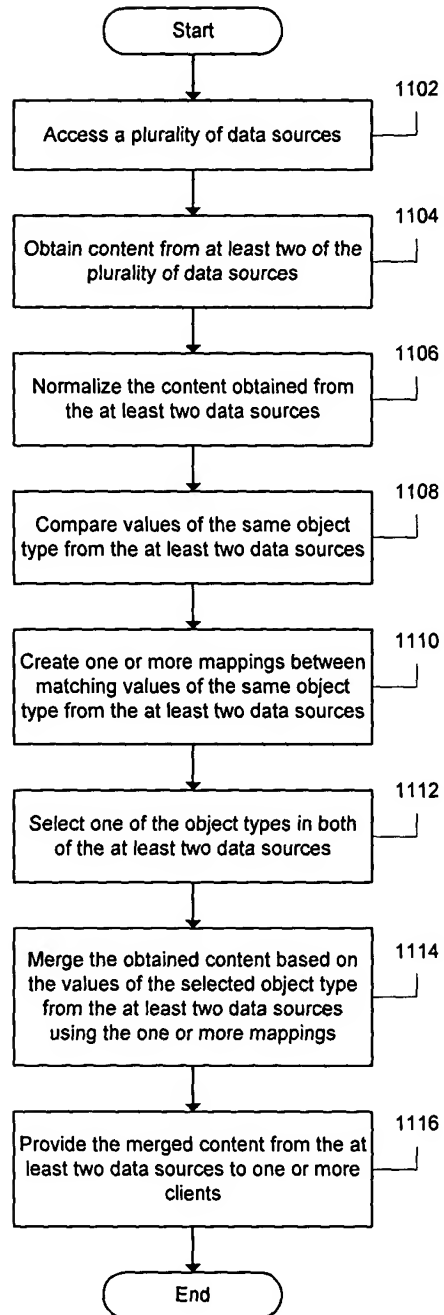


FIG. 11

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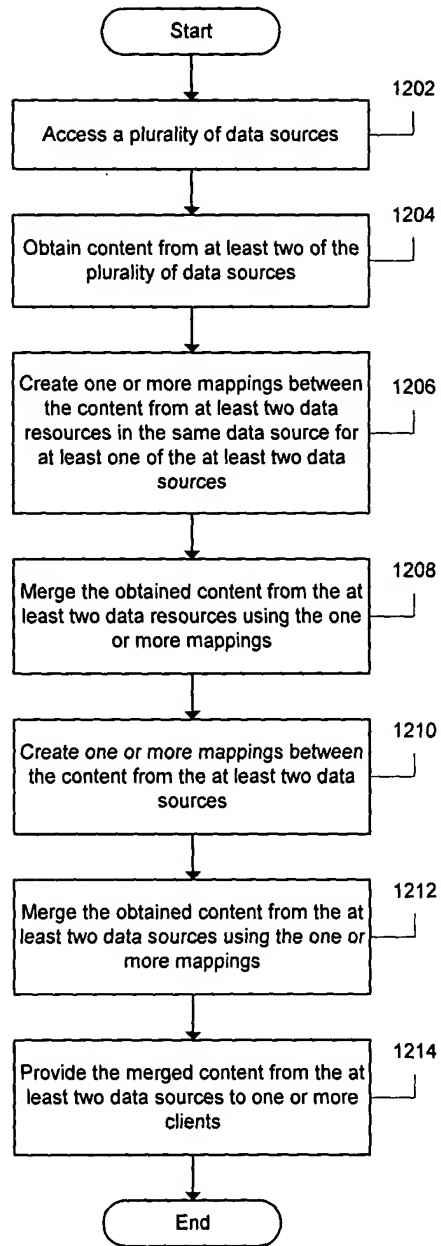


FIG. 12

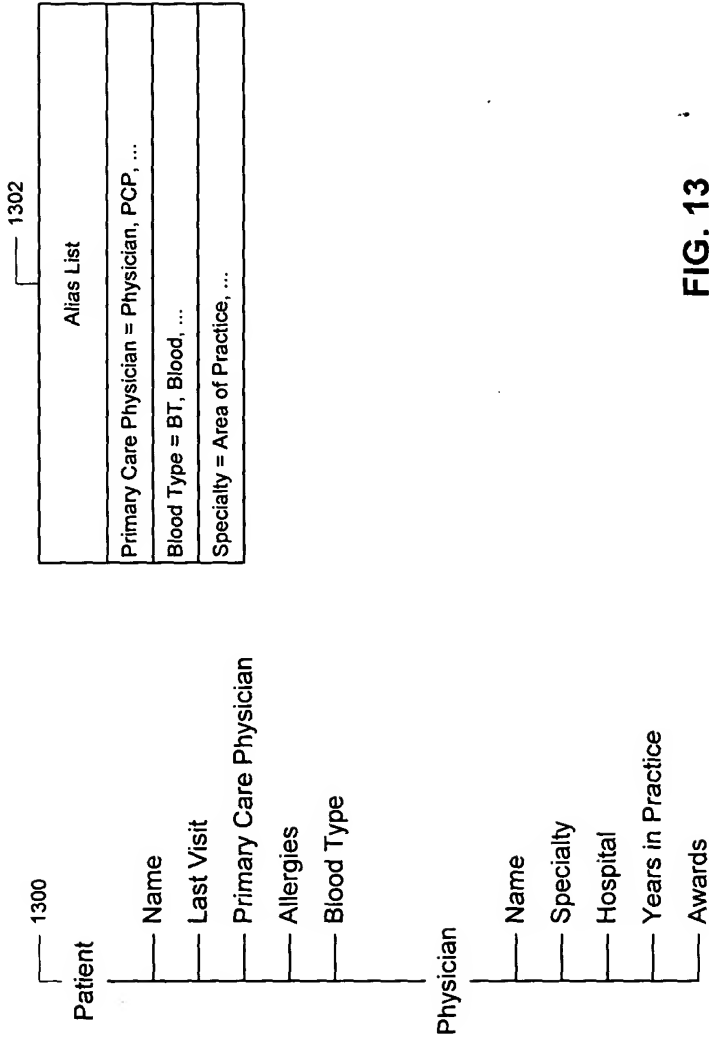
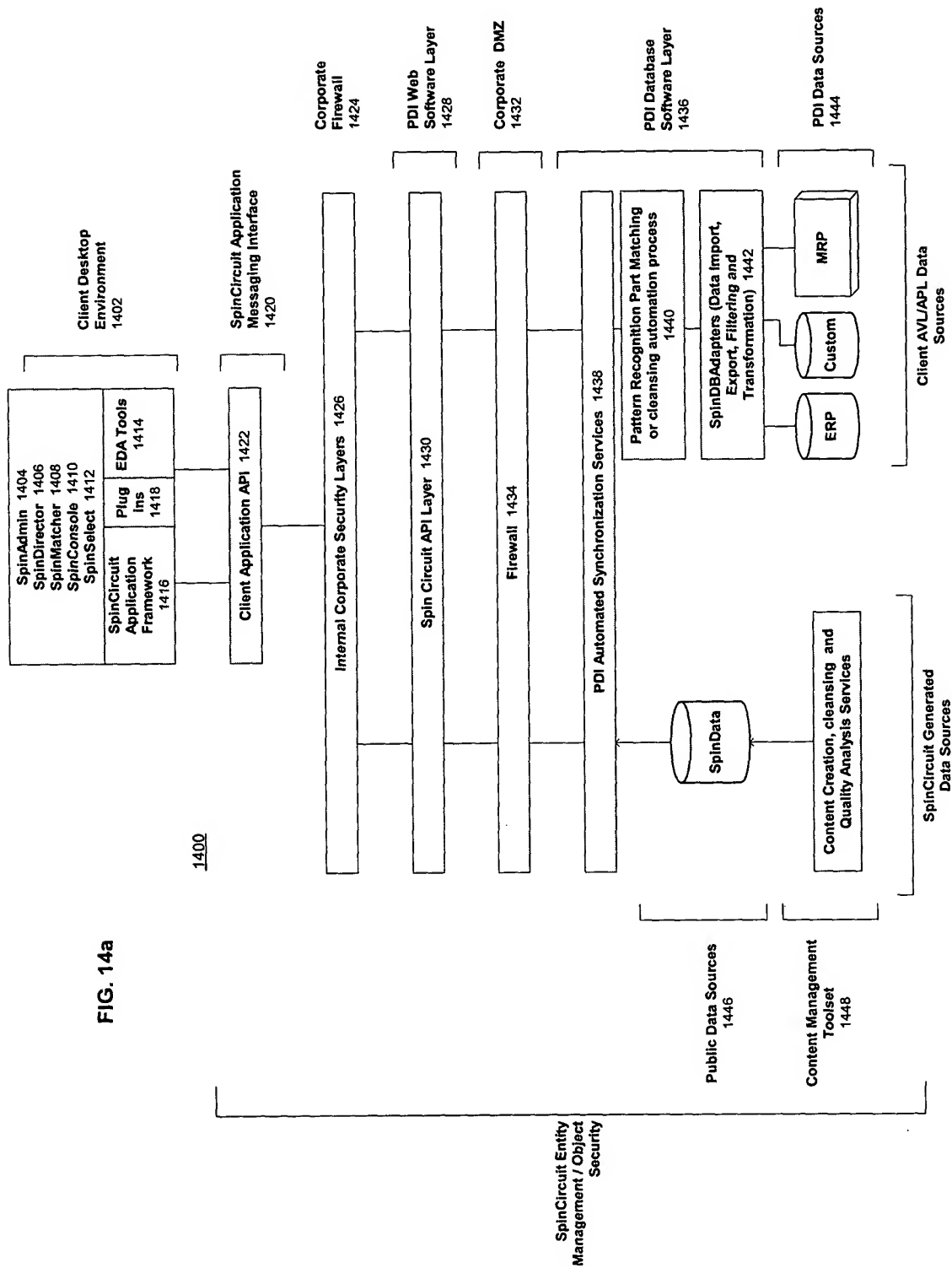


FIG. 13



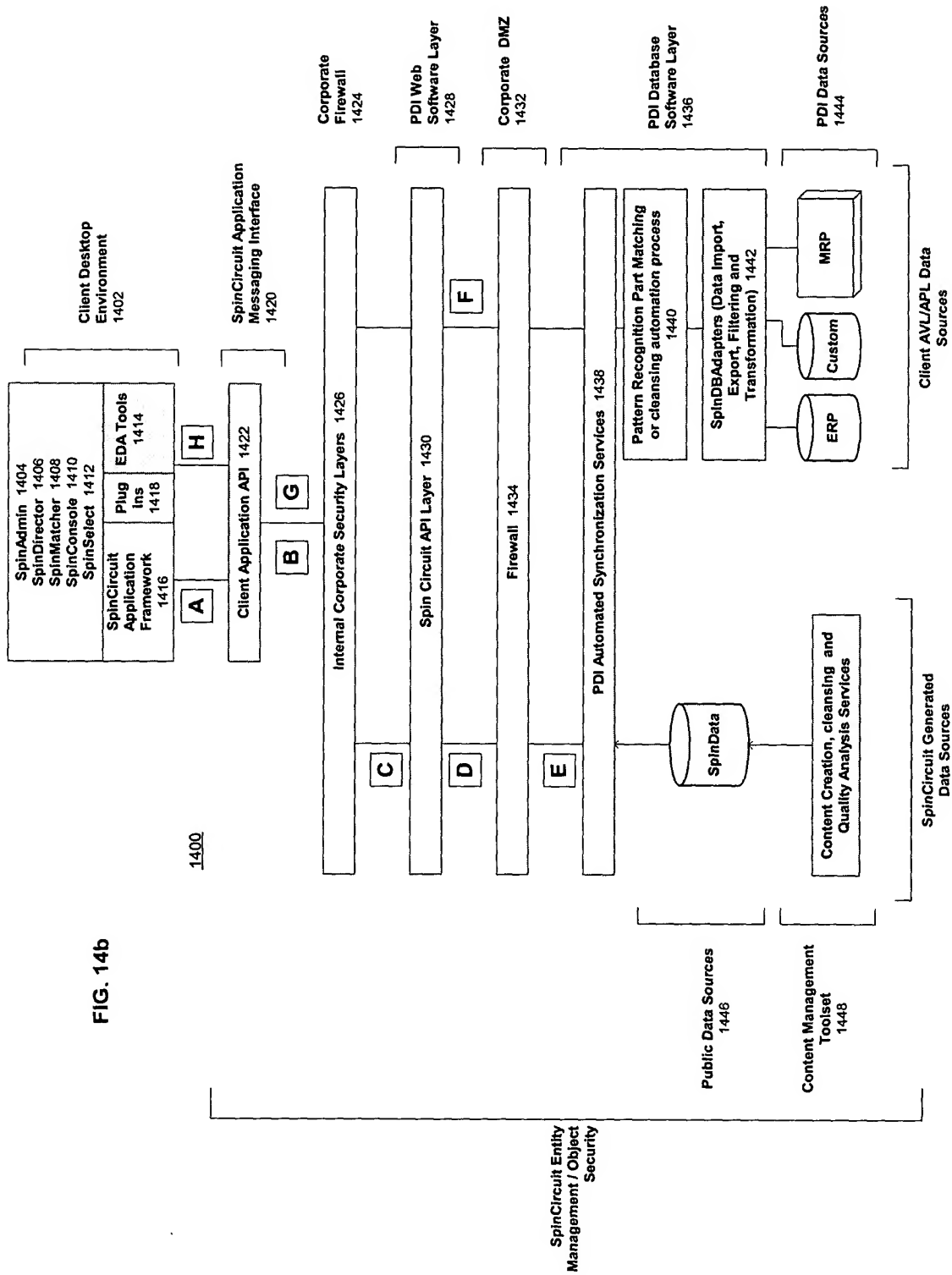
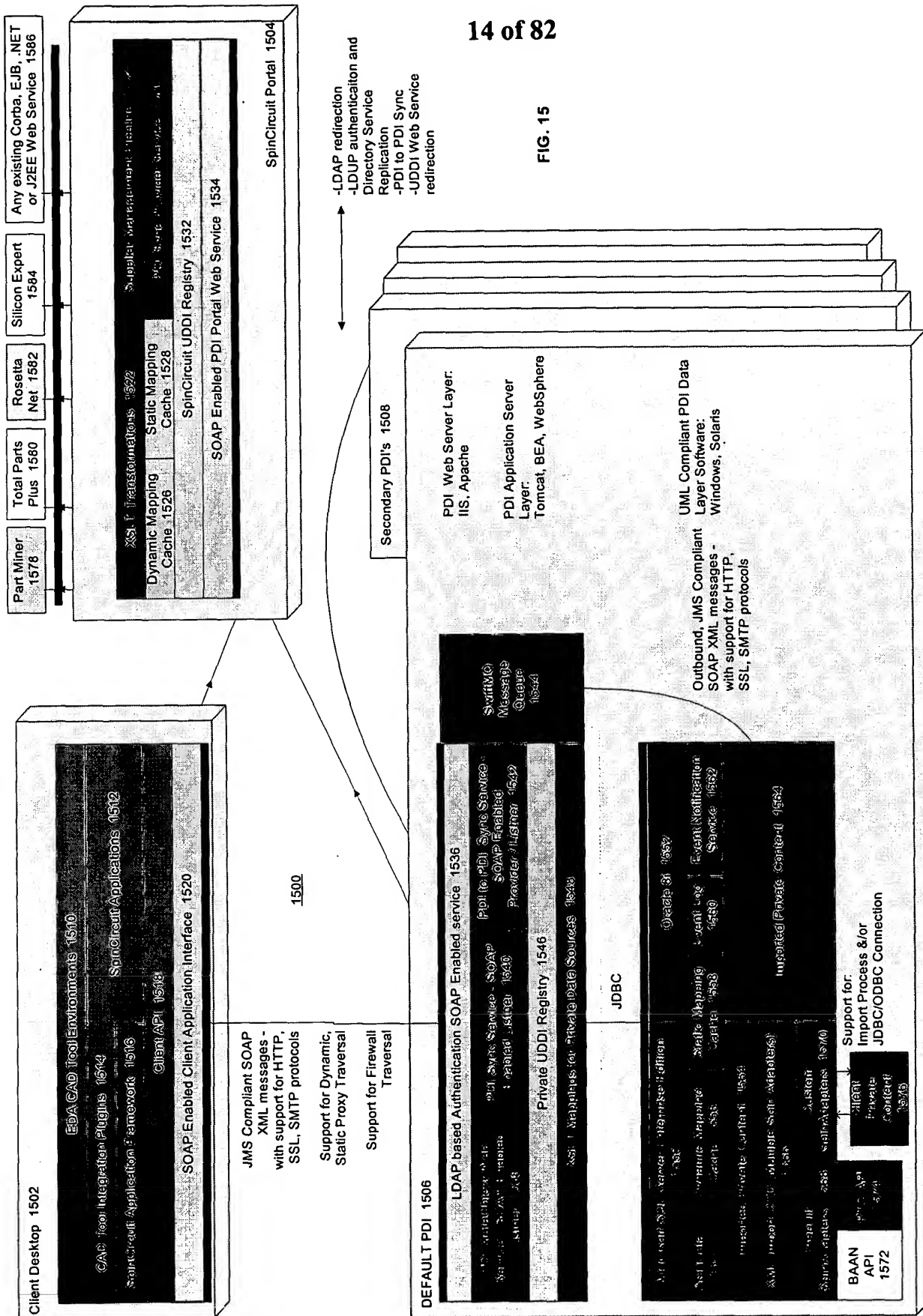


FIG. 15



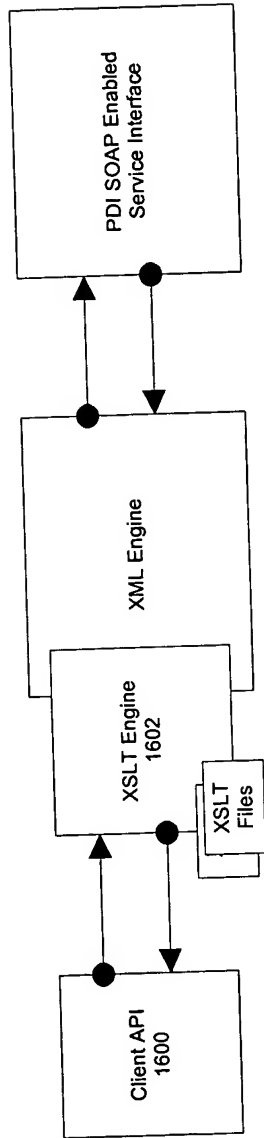
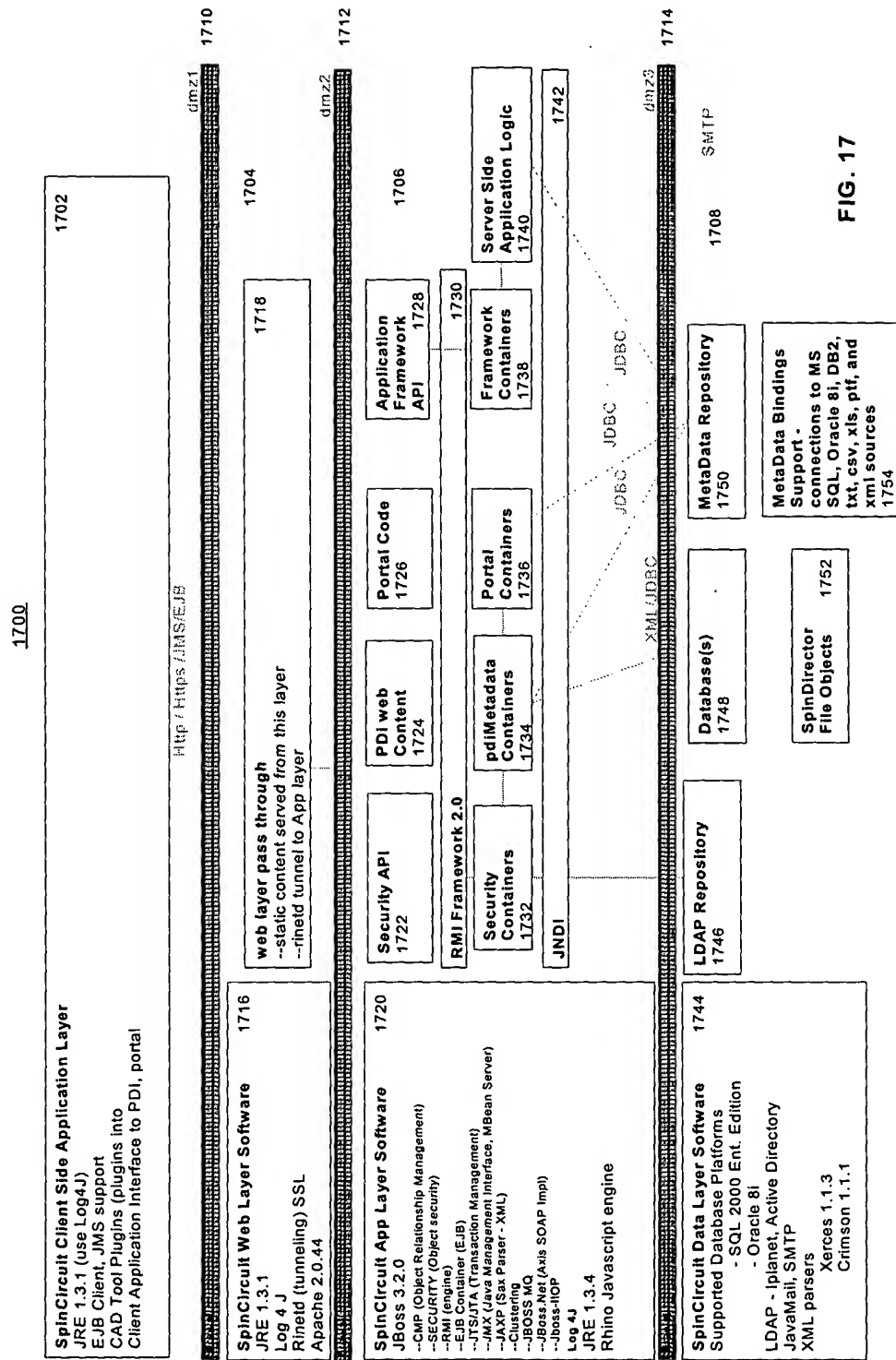


FIG. 16



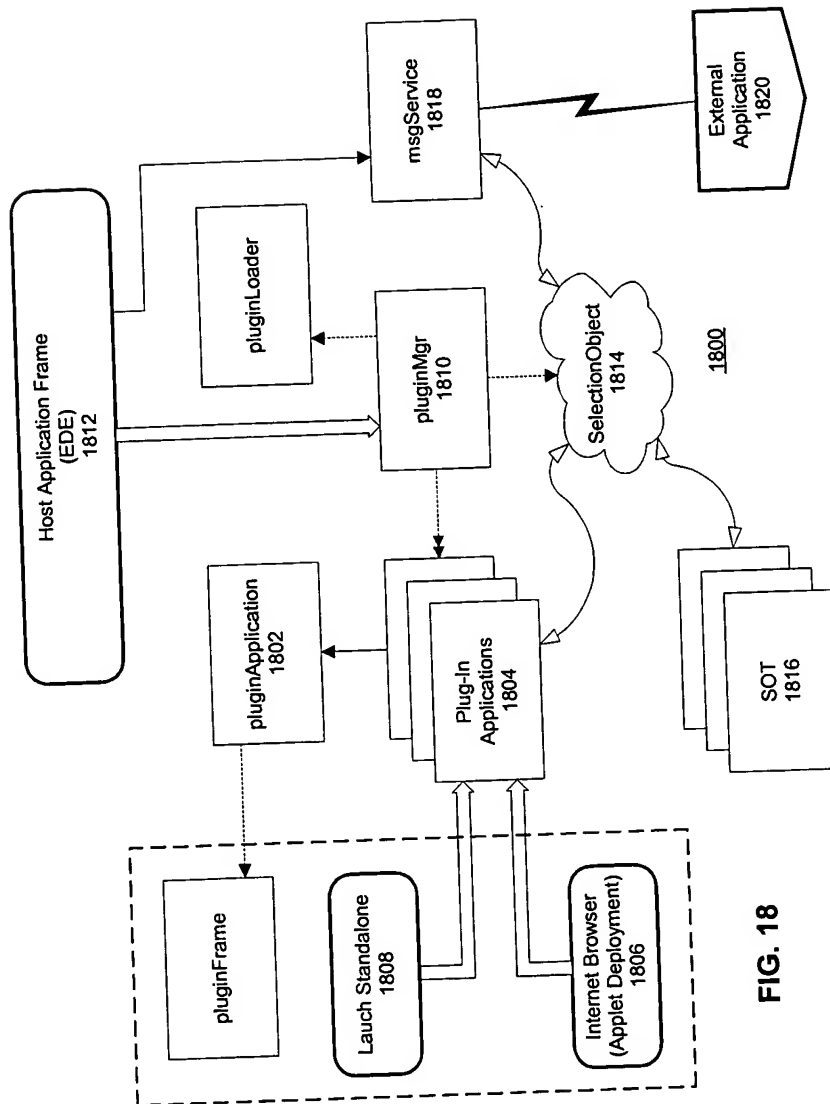


FIG. 18

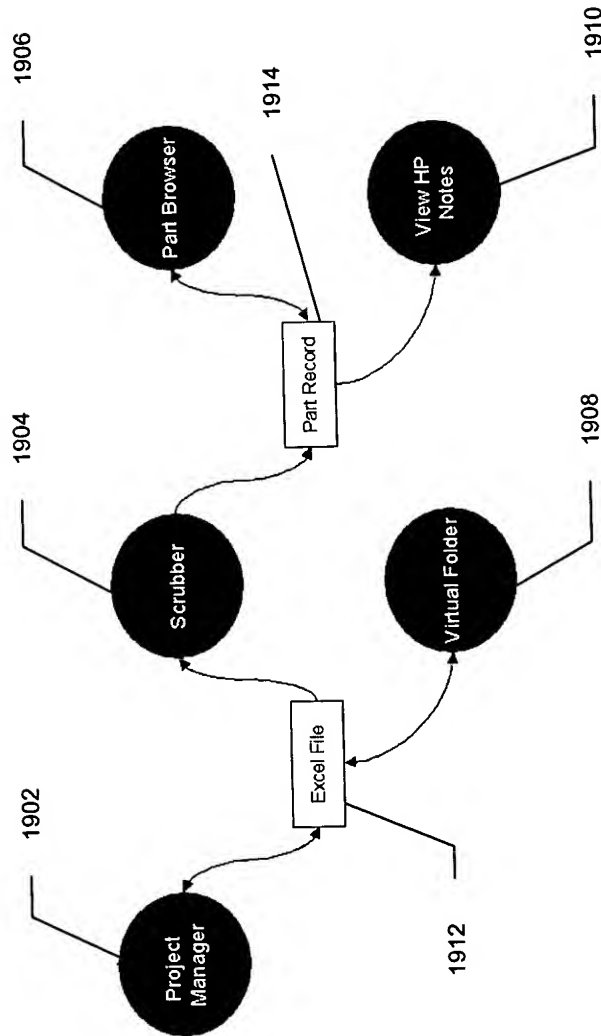


FIG. 19

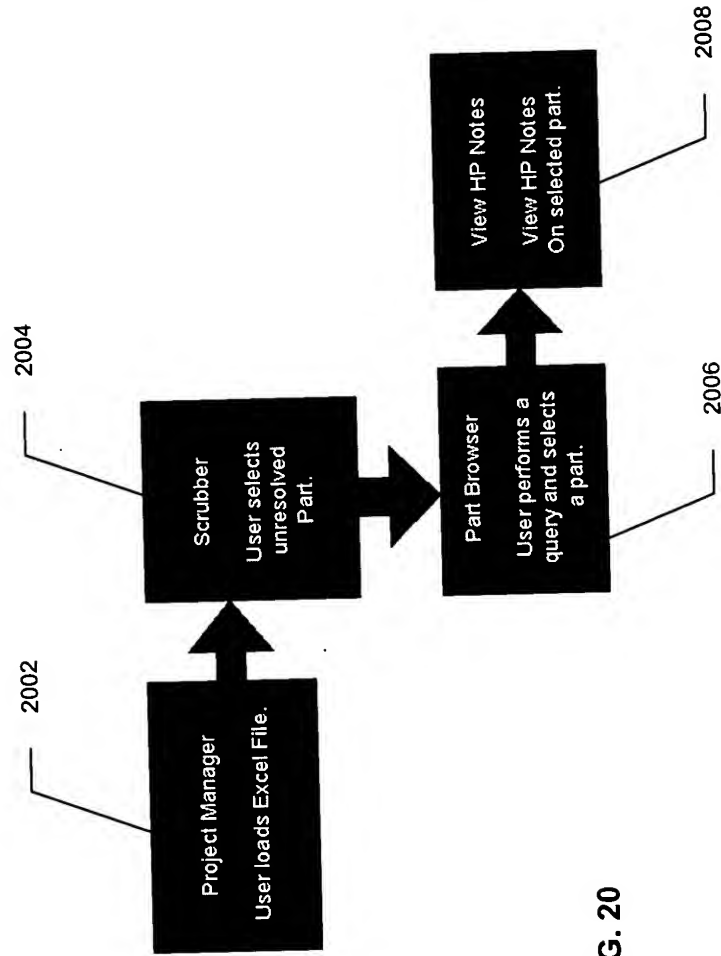


FIG. 20

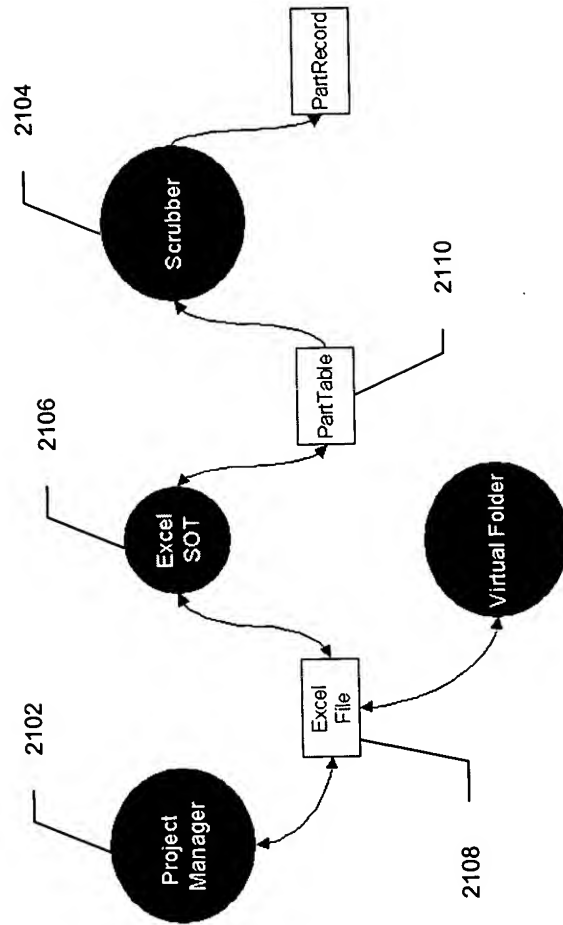


FIG. 21

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2200

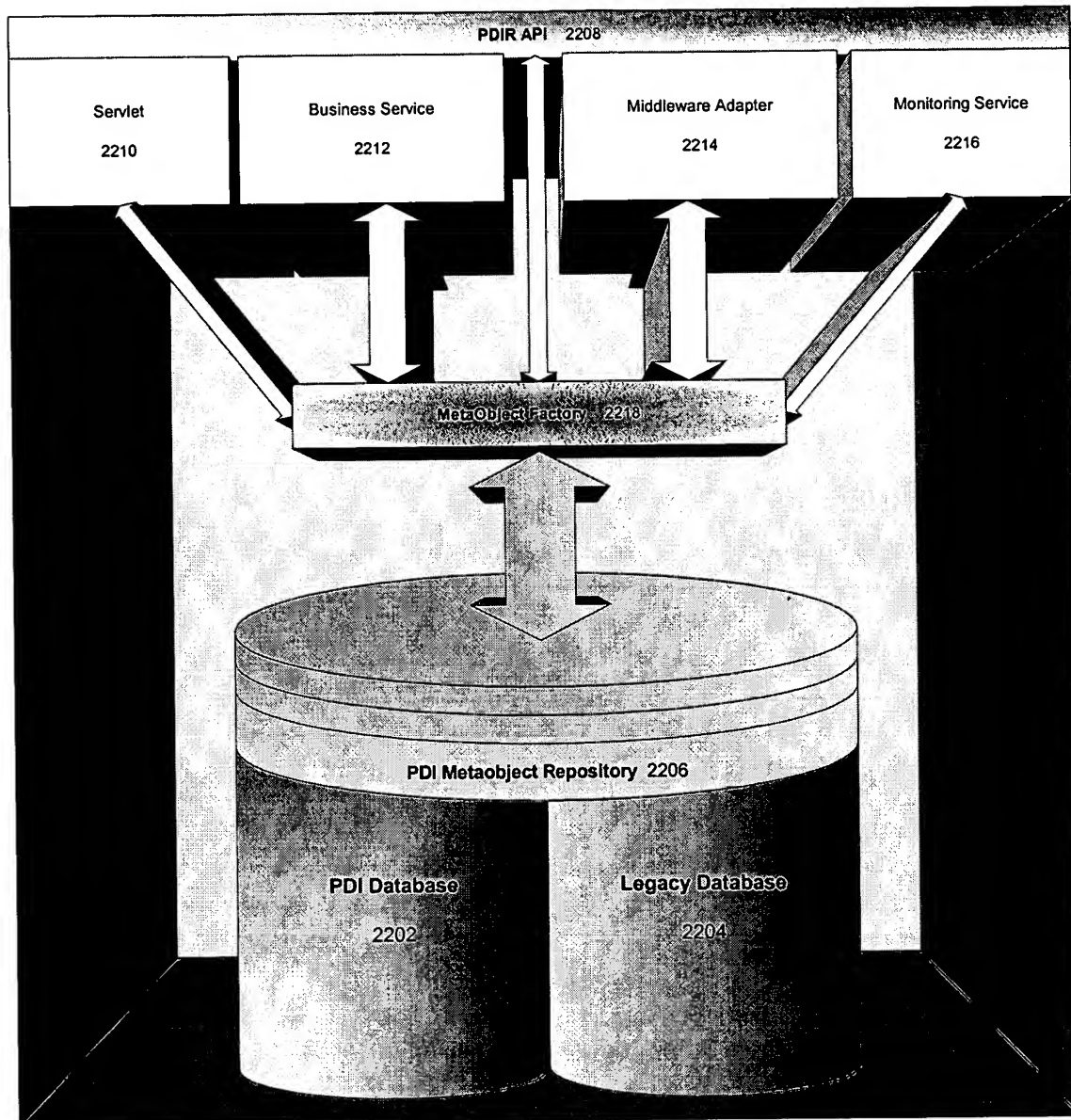


FIG. 22

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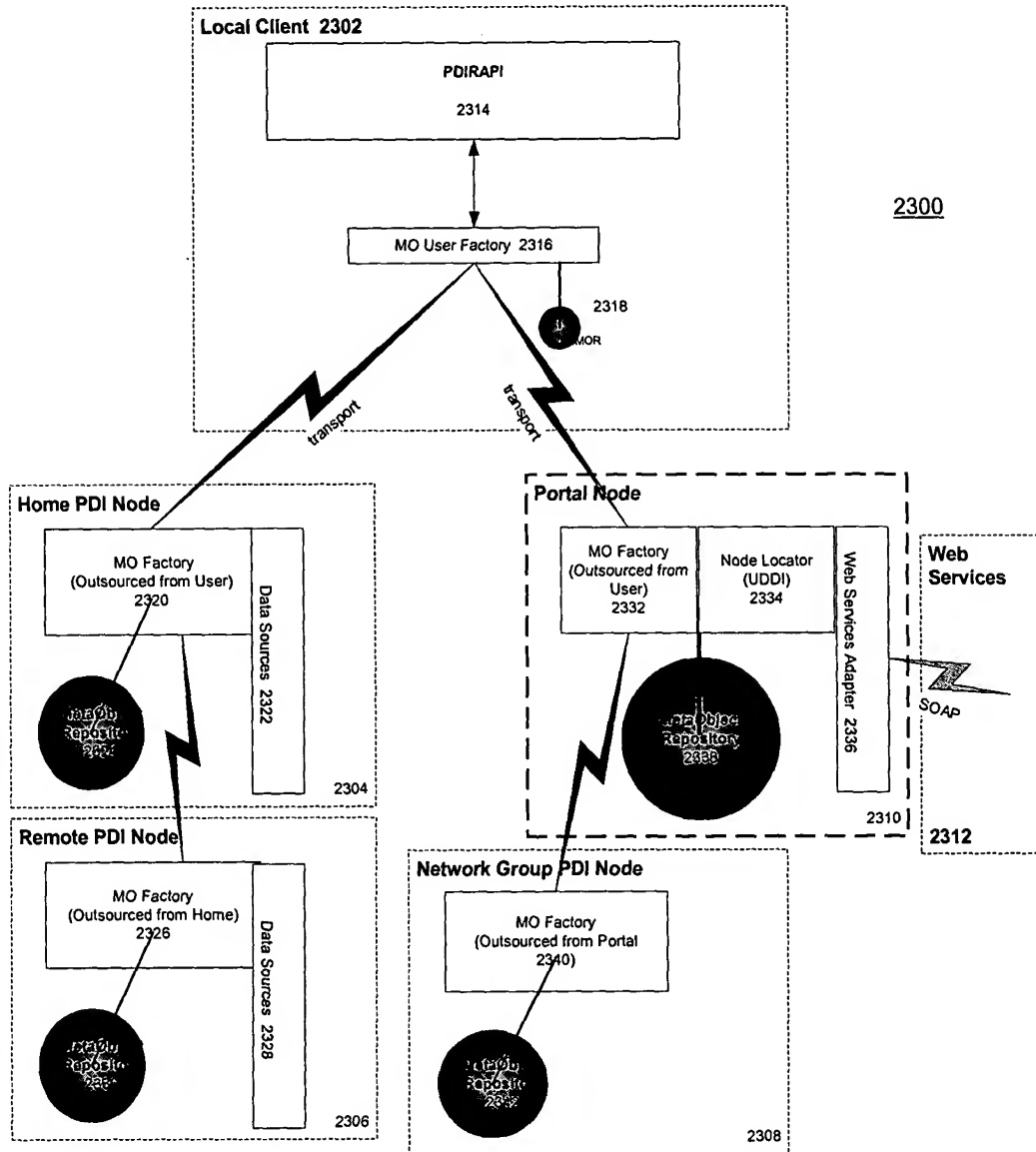


FIG. 23

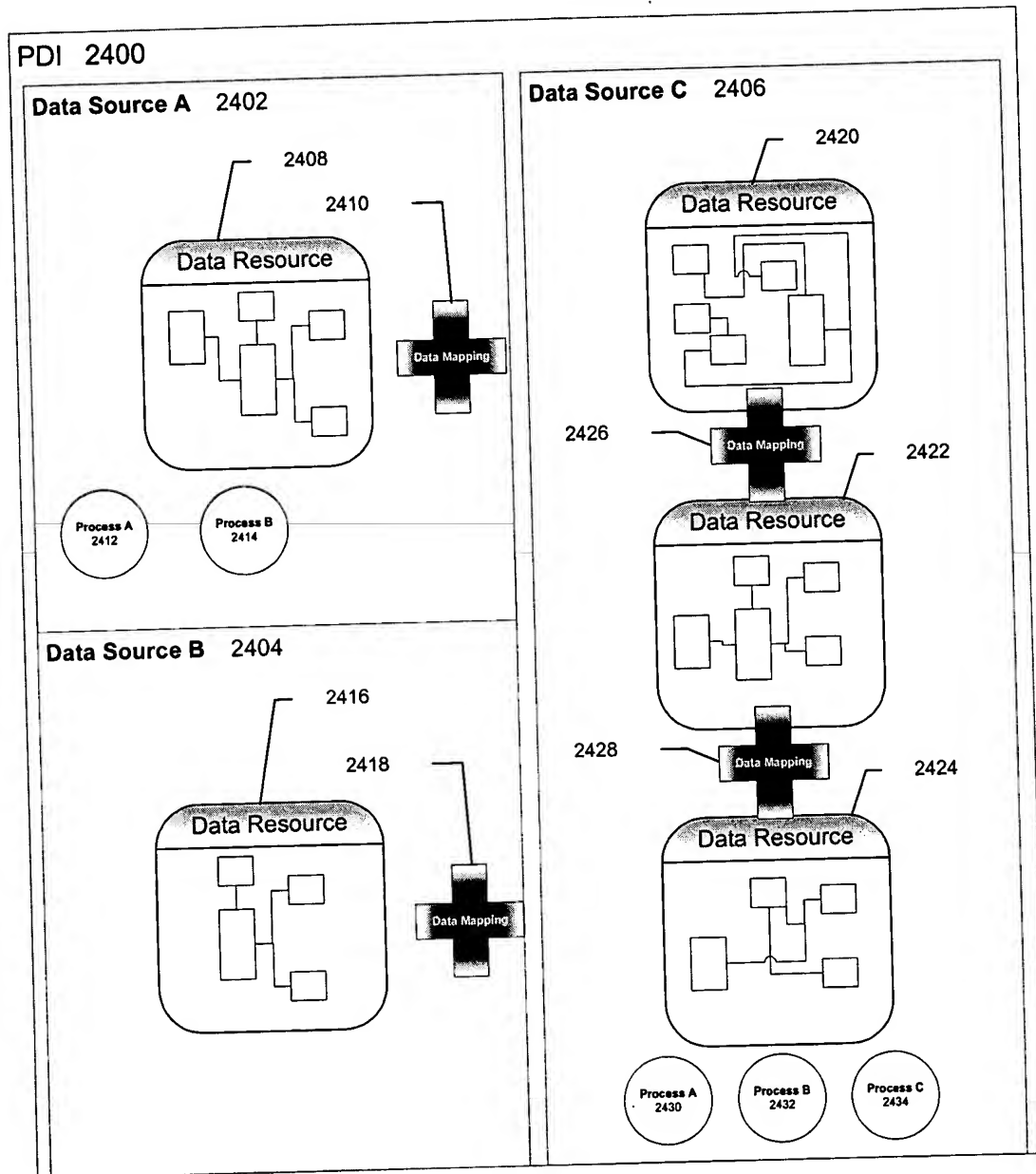


FIG. 24

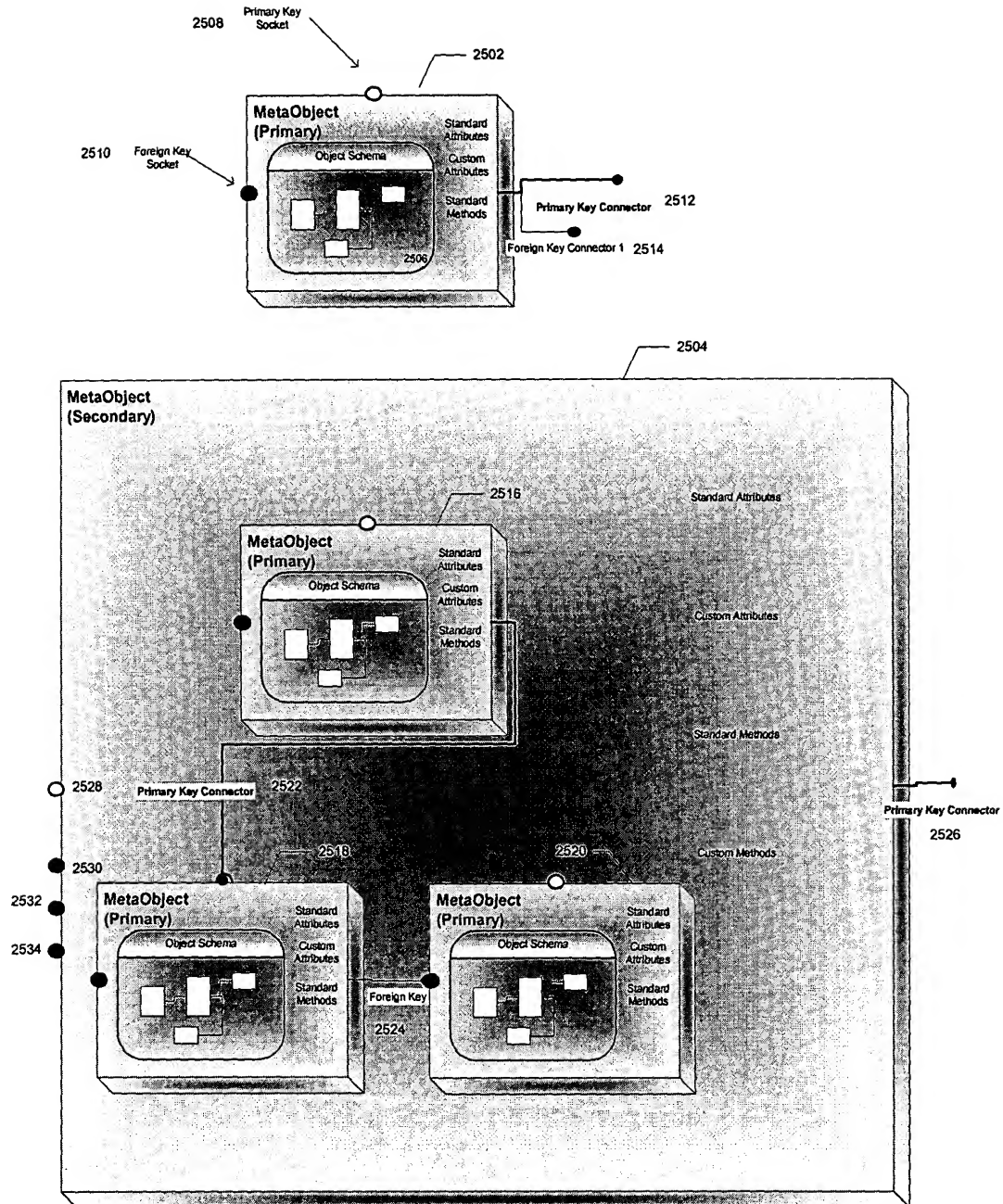


FIG. 25

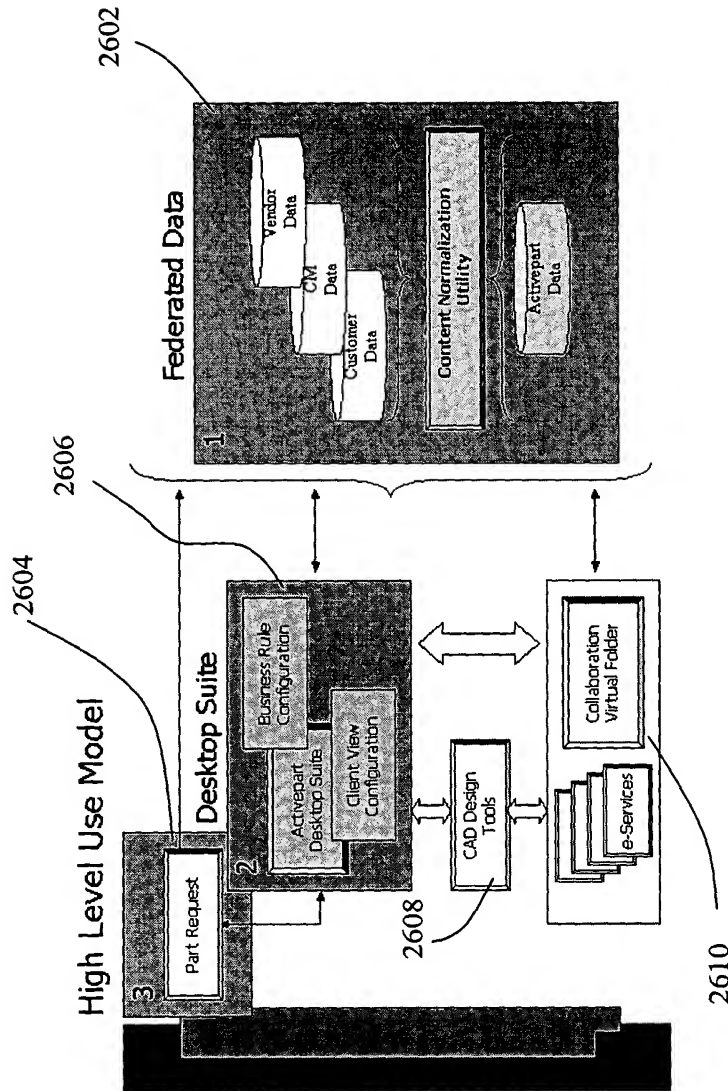


Fig. 26a

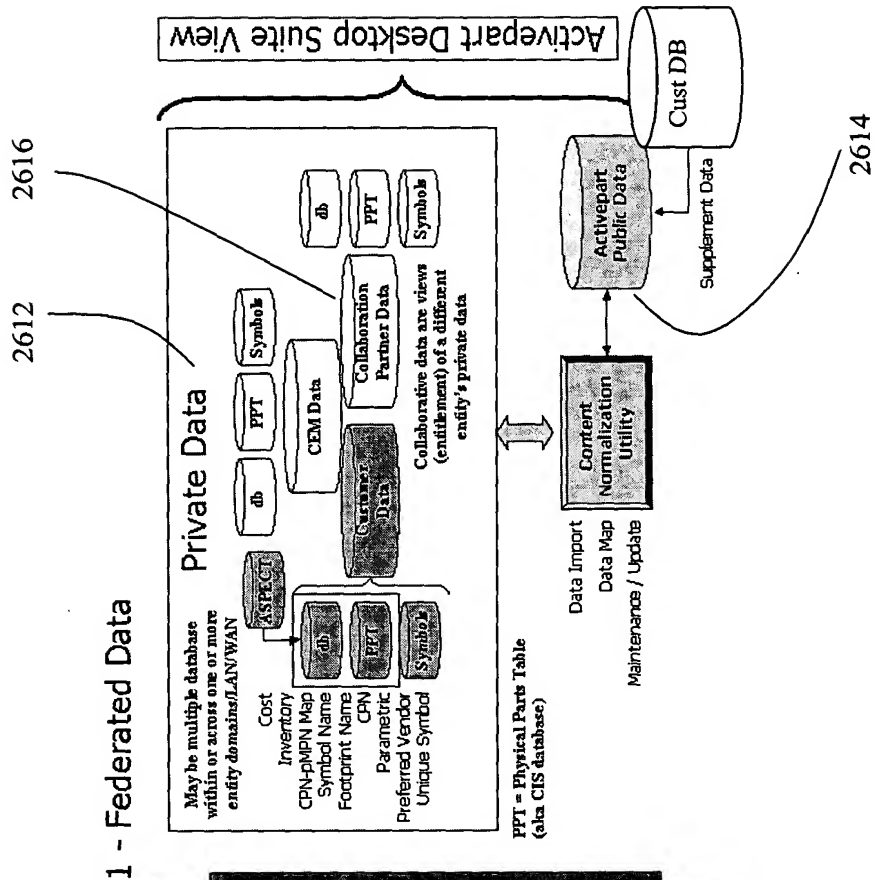
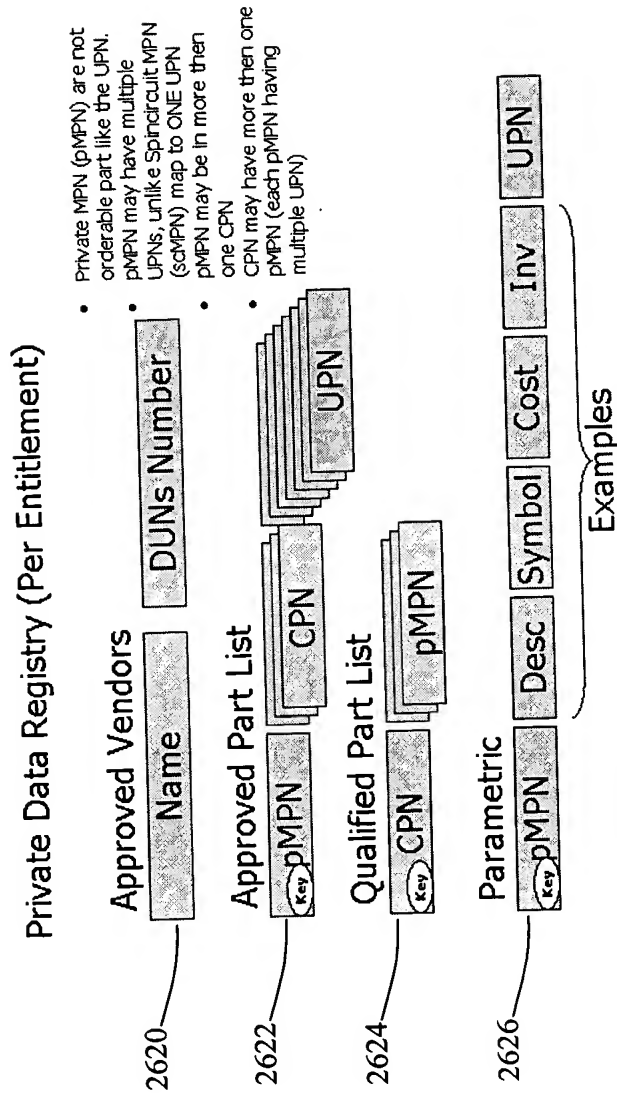


Fig. 26b



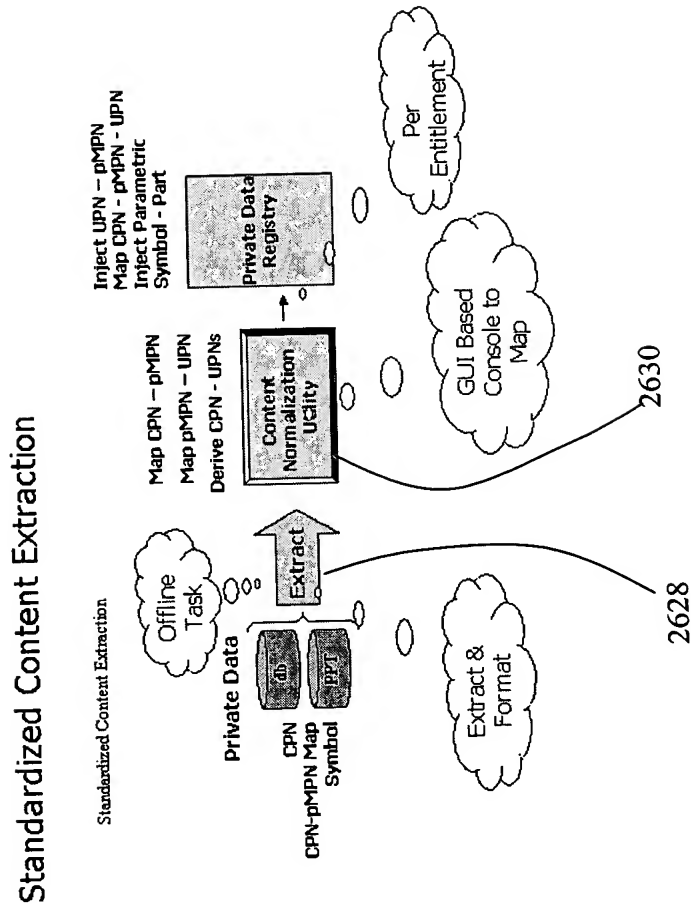


Fig. 26d

Scrubbing Process

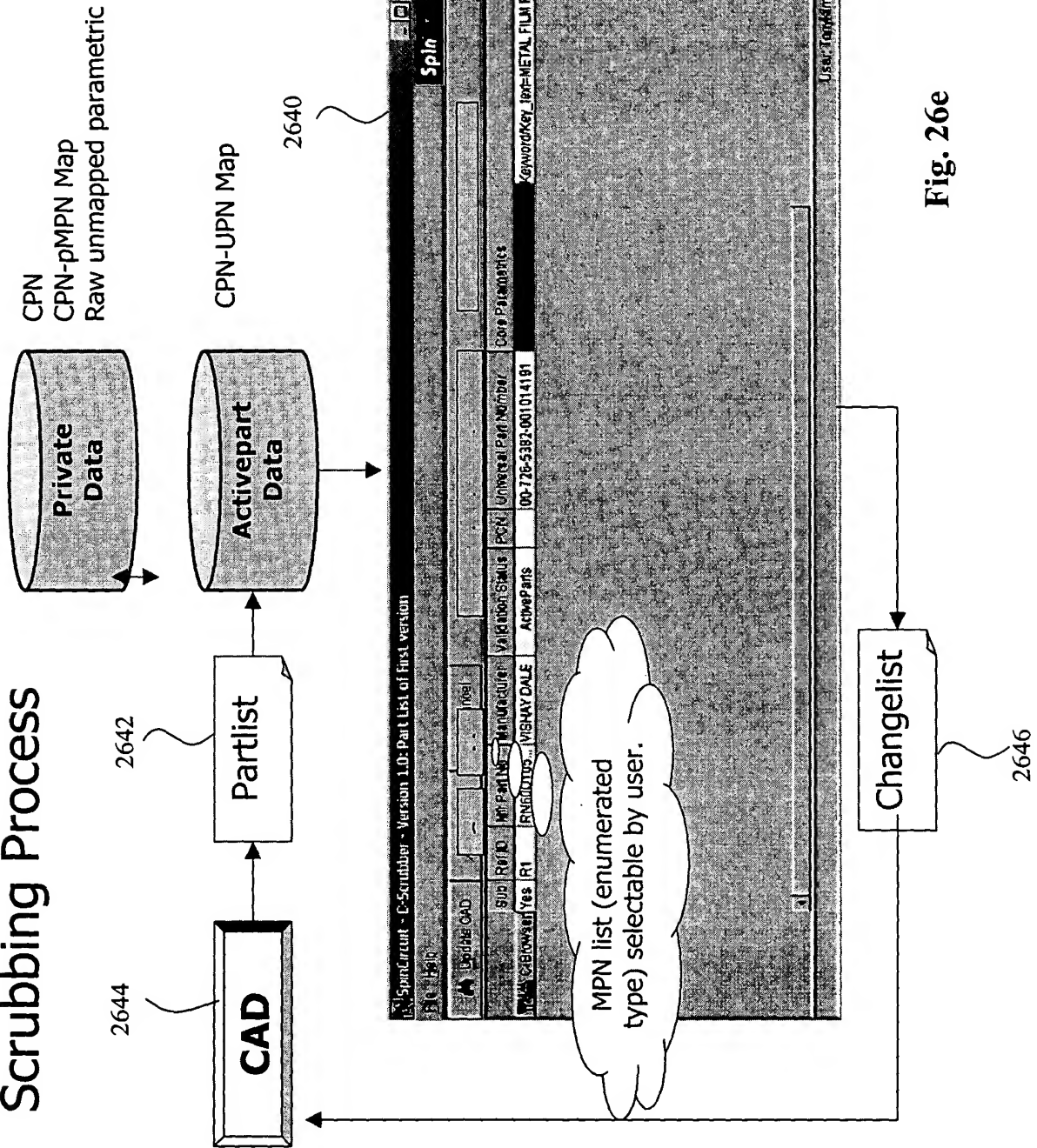


Fig. 26e

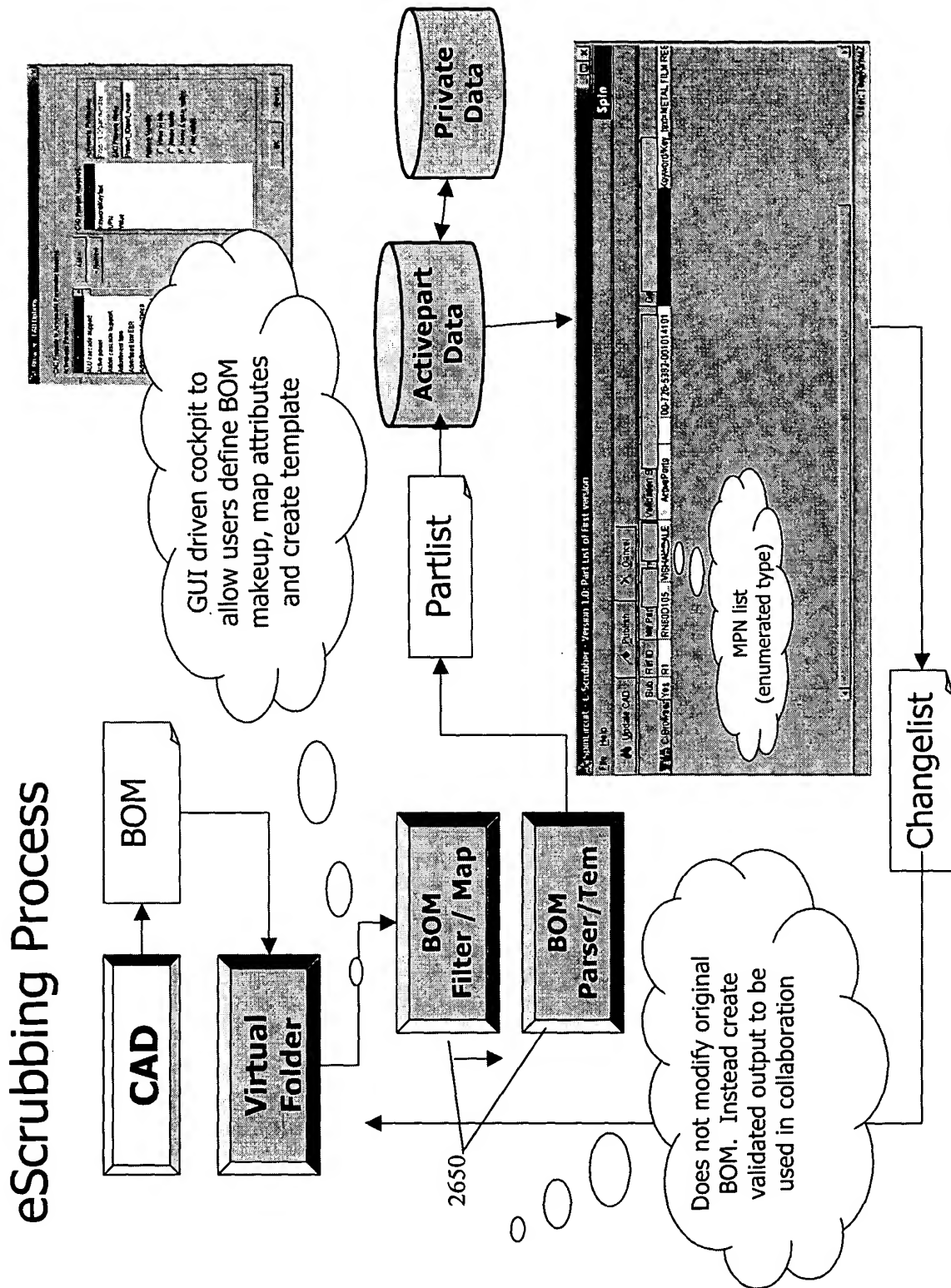


Fig. 26f

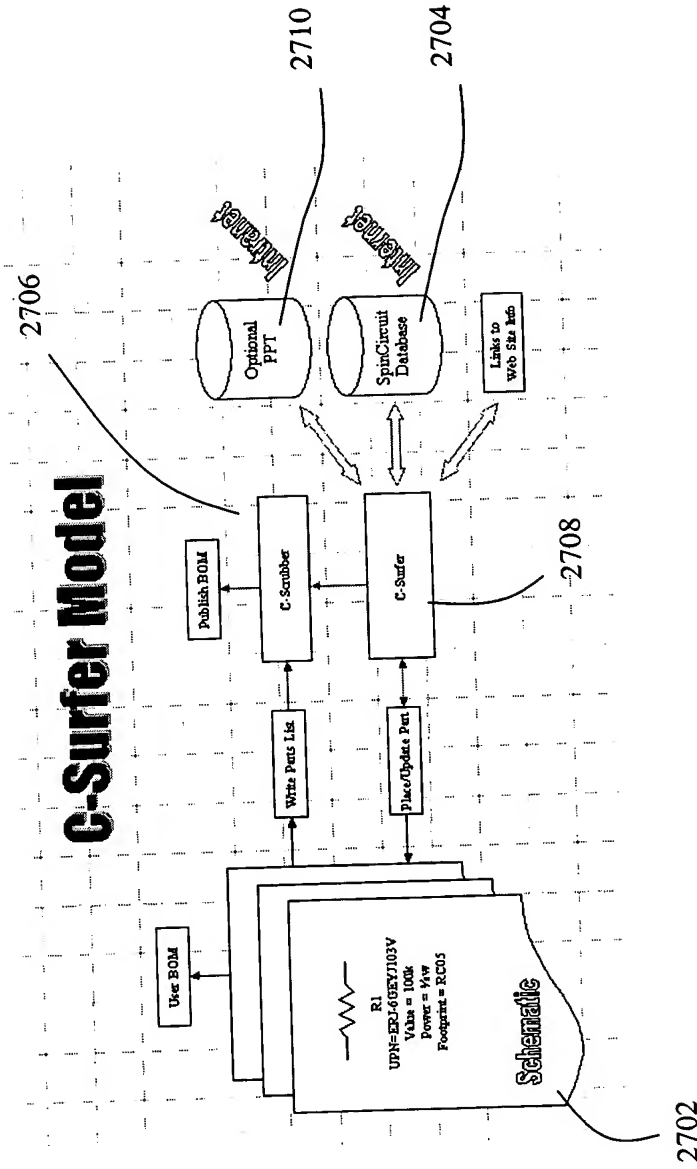
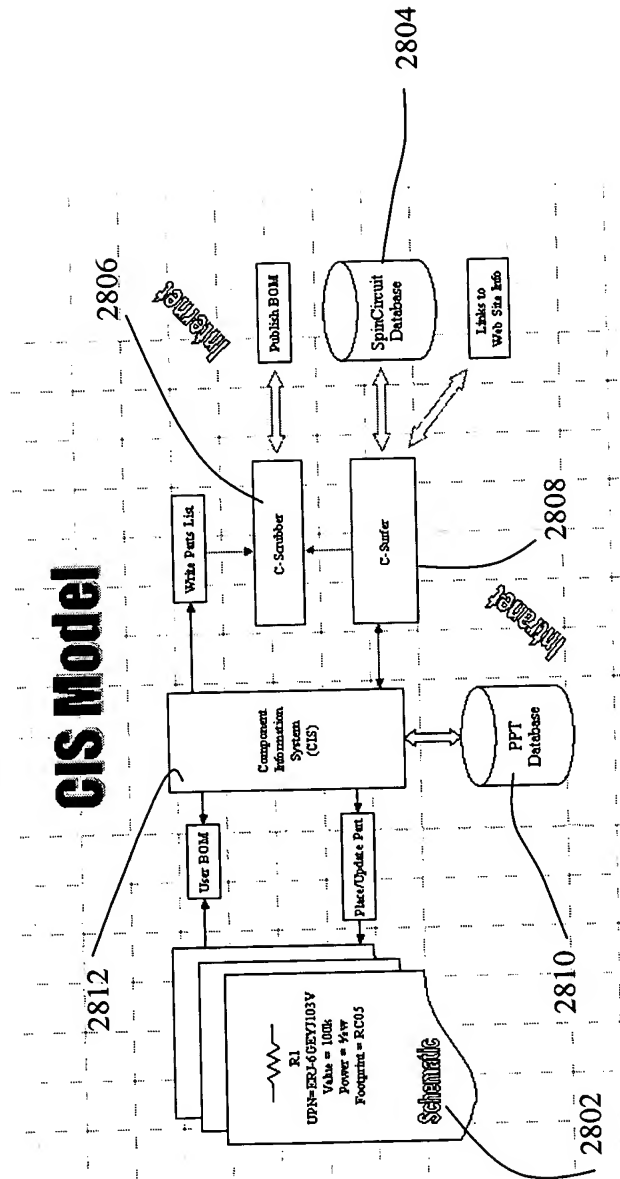


FIG. 27



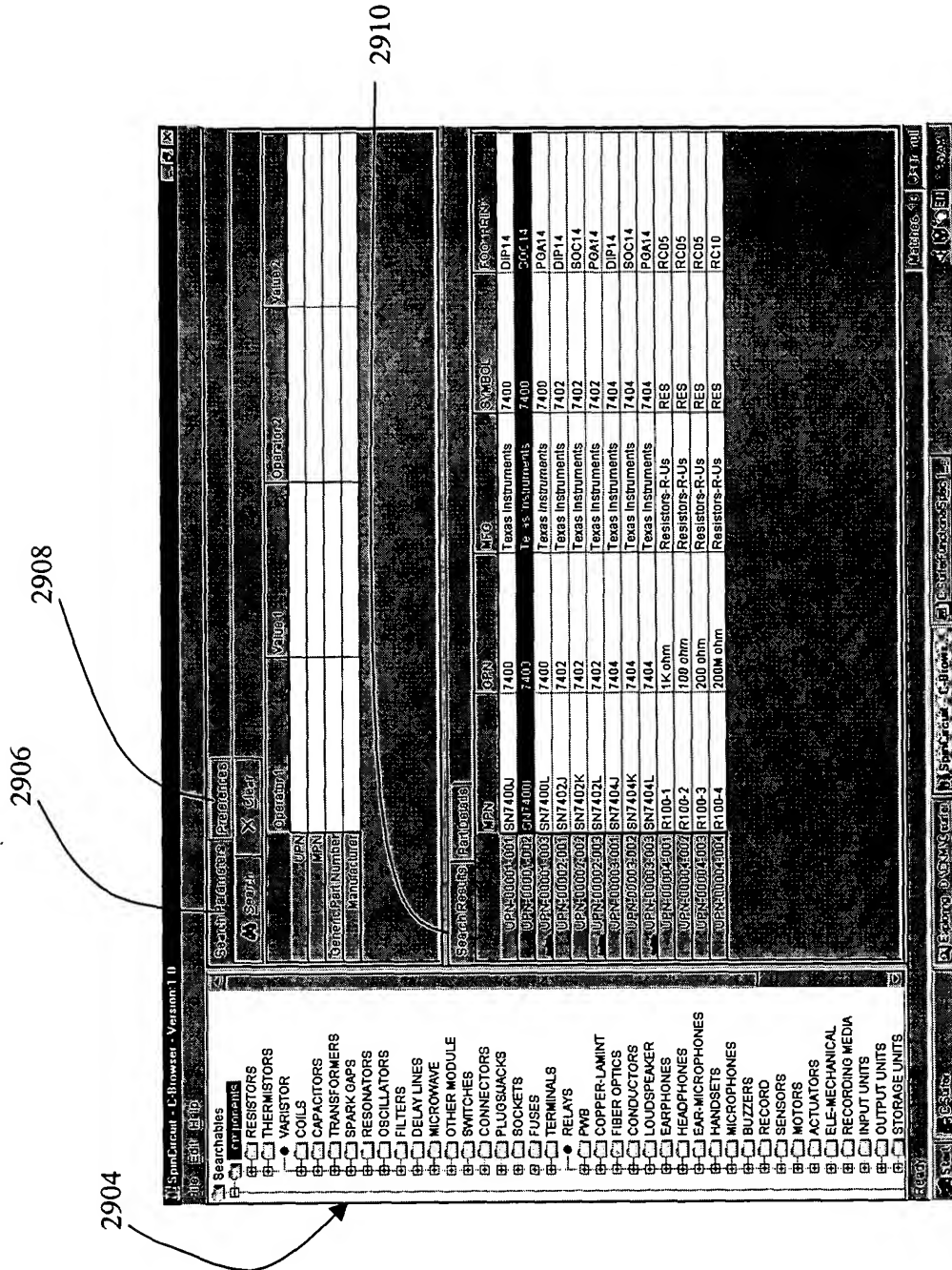
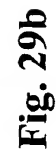
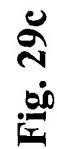


Fig. 29a





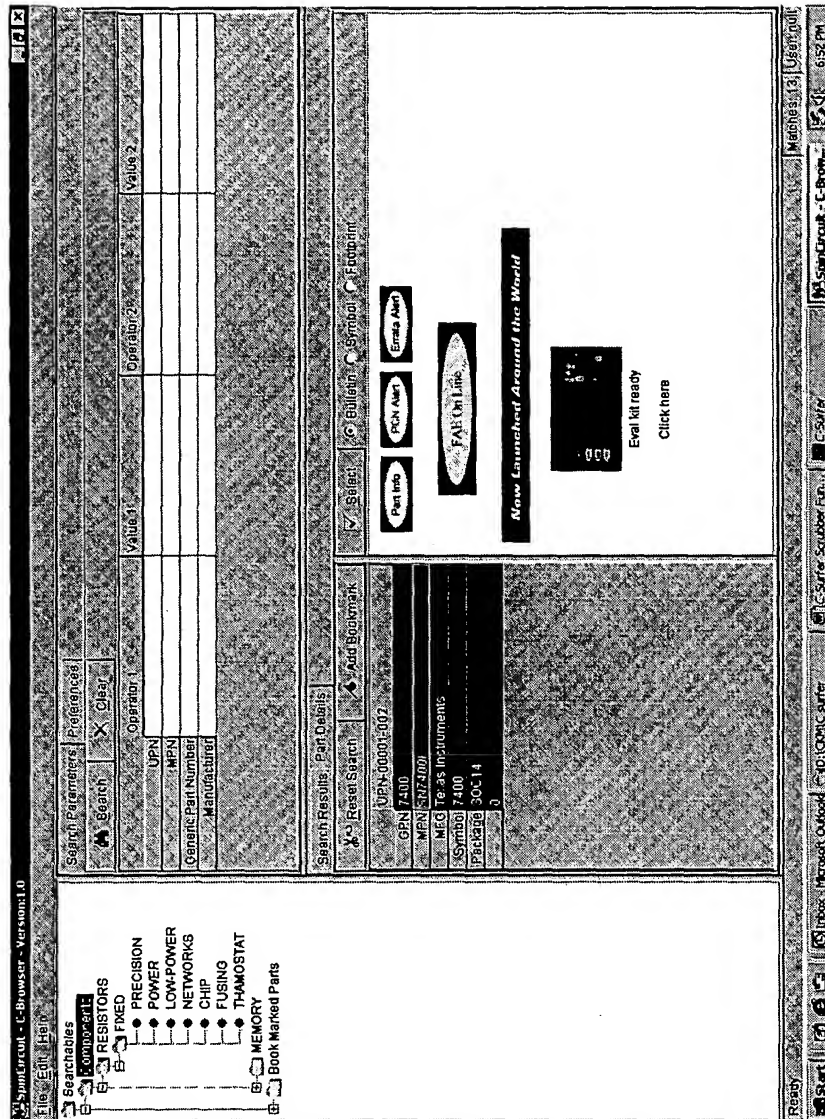


Fig. 29d

3002

3004

Ref	UPN	CPN	DESC	Core Parametric				Substitution Allowed	Validation Status	Part Source	PPT Status	Part Notice	Part Lookup
U1	xxxx	xxxx	xxxx	xxx	x	x	x	No	Active	MyActive Part		ERRATA	
U2	xxxx	xxxx	xxxx	xxx	x	x	x	Yes	Active	SpinCircuit			
U3	xxxx	xxxx	xxxx	xxx	x	x	x	No	Inactive				
C1	xxxx	xxxx	xxxx	xxx	x	x	x	Yes	Active	MyActive Part	Preferred		
C2	xxxx	xxxx	xxxx	xxx	x	x	x	Yes	Active	SpinCircuit	Preferred	EOL	
C3	xxxx	xxxx	xxxx	xxx	x	x	x	Yes	Active	MyActive Part			
C4	xxxx	xxxx	xxxx	xxx	x	x	x	Yes	Active	SpinCircuit			
C5	xxxx	xxxx	xxxx	xxx	x	x	x	Yes	Active	MyActive Part		PCN	
C2	xxxx	xxxx	xxxx	xxx	x	x	x	Yes	Active	SpinCircuit			

3000

Fig. 30a

Reference ID	U1	Max 1000 items Each item = nxxxx Where n=alpha & x=num
UPN	xxxx-xxxxx	Optional
CPN	HPxxxxxxx	Optional
Description	xxxxxxxxxxxxxxx	Optional
Core Parametric 1	Motorola	Required
Core Parametric 2	10pf	Required
Core Parametric n	xx	Required
Substitution Allowed	Yes / No	Required
Part Status	Active / Inactive	Required
Validation Status	OK / Error	Required
Part Source	MyActive Part / SpinCircuit	Required
PPT Status	Preferred / blank	Required

Fig. 30b

Ref	UPN	CPN	DESC	Core Parametric					Substitution Allowed	Validation Status	Part Source	PPT Status	Part Notice	Part Lookup
C2	xxx	xxx	xxx	xxx	x	x	x	x	x	<input type="radio"/> Active	MyActive Part	Preferred		
C2	xxx	xxx	xxx	xxx	x	x	x	x	x	<input type="radio"/> Active	Spin Circuit			

yellow

yellow

green

Fig. 30c

Ref	UPN	CPN	DESC	Core Parametric					Substitution Allowed	Validation Status	Part Source	PPT Status	Part Notice	Part Lookup
U1			xxxx	xxx	x	x	x	x	x	No	InActive			

red

Fig. 30d

Ref	UPN	CPN	DESC	Core Parametric					Substitution Allowed	Validation Status	Part Source	PPT Status	Part Notice	Part Lookup
	xxxx	xxxx										Preferred		
	xxxx	xxxx												

Fig. 30e

Ref	UPN	CPN	DESC	Core Parametric					Substitution Allowed	Validation Status	Part Source	PPT Status	Part Notice	Part Lookup
	xxxx	xxxx									SpinCircuit			
	xxxx	xxxx									MyActive Part			

Fig. 30f

Ref	UPN	CPN	DESC	Core Parametric	Substitution Allowed	Validation Status	Part Source	PPT Status	Part Notice	Part Lookup
	xxxx	xxxx				Active				
	xxxx	xxxx				Active				

Fig. 30g

yellow
green

Ref	UPN	CPN	DESC	Core Parametric	Substitution Allowed	Validation Status	Part Source	PPT Status	Part Notice	Part Lookup
	xxxx	xxxx	xxxx	xxxx		Active				
	xxxx	xxxx	xxxx	xxxx		Active				

Fig. 30h

yellow
yellow
green

Ref	UPN	CPN	DESC	Core Parametric	Substitution Allowed	Validation Status	Part Source	PPT Status	Part Notice	Part Lookup
	xxxx	xxxx			No					
	xxxx	xxxx			Yes					

Fig. 30i

Ref	UPN	CPN	DESC	Core Parametric	Substitution Allowed	Validation Status	Part Source	PPT Status	Part Notice	Part Lookup
	xxxx	xxxx							<u>EOL</u>	
	xxxx	xxxx							<u>Errata</u>	

}
yellow

Fig. 30j

UPN	Manufacturer	Mfg PN	Description	Seminars	Feedback	Experts	Data Sheet	Footprint
UPN001	Co. 1	SN7400J	Nand Gate	Browse...	Browse...	Browse...	Browse...	DIP14
UPN...	Co. 1	SN7400K	Nand Gate	Browse...	Browse...	Browse...	Browse...	SOIC14
UPN439	Co. 2	Ro1000	Nand-O-Ro...	Browse...	Browse...	Browse...	Browse...	MOT14

Fig. 31a

Parameter Name	UPN001	UPNBR	UPN439
Manufacturer	Co. 1	Co. 1	Co. 2
MFG Part #	SN7400J	SN7400K	Ro1000
Description	NAND Gate	NAND Gate	NAND-o-rola
Seminars	Browse...	Browse...	Browse...
Feedback	Browse...	Browse...	Browse...
Experts	Browse...	Browse...	Browse...
Data Sheet	Browse...	Browse...	Browse...
Symbol	7400	7400	7400M
Footprint	DIP14	SOIC14	MOT14
Others go bel...

Fig. 31b

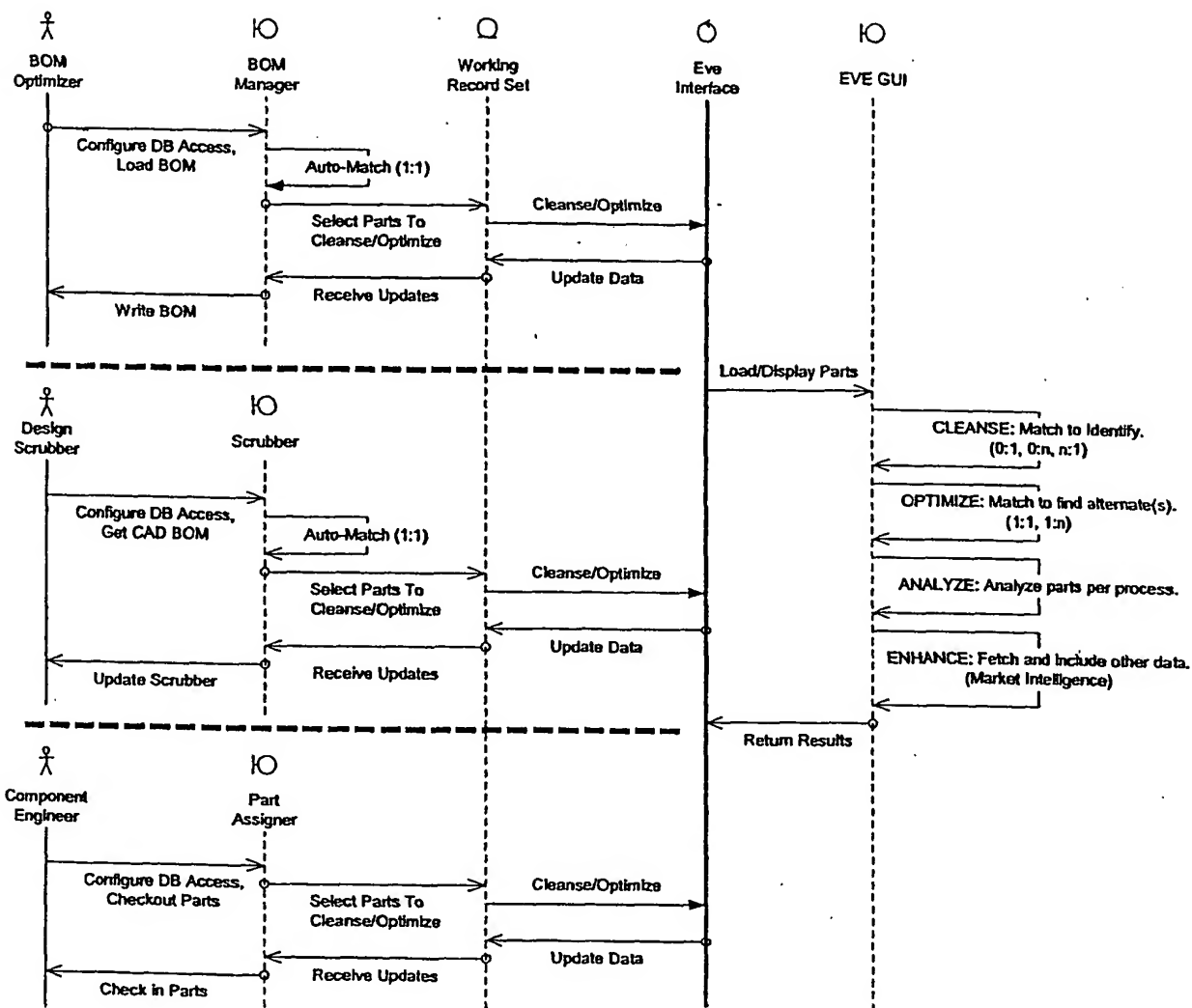


FIG. 32

	JOE MANUFACTURER NAME + STATUS	JOE MPN	JOE DESCRIPTION	DA
1	<input checked="" type="checkbox"/> ALLEGRO	BAV99L(A7)	A0263806 DIODE DUAL	64
2	<input checked="" type="checkbox"/> NONPREFERRED			
3	<input checked="" type="checkbox"/> AMP	BAV99L(A7)	A0263806 DIODE DUAL	64
4	<input checked="" type="checkbox"/> ANALOG DEVICES	869504-1	CONN AMP 869504-1	56
5	<input checked="" type="checkbox"/> ARR	OP284FS	IC OP-AMP OP284FS SO-8 47-18V/4	50
6	<input checked="" type="checkbox"/> AVX	110368-C	PROM ORCADIA	53
7	<input checked="" type="checkbox"/> NONPREFERRED	06035C102MAT2A	CAP FCD 1001 50 20S	29
8	<input checked="" type="checkbox"/> OBSOLETE			
9	<input checked="" type="checkbox"/> NONPREFERRED			
10	<input checked="" type="checkbox"/> OBSOLETE	06035A471JAT2A	CAP MIS 470PF 5% 50V 0603	116
11	<input checked="" type="checkbox"/> OBSOLETE	06035A330JAT	CAP ACC CER CHIP 33.0PF 5	120
12	<input checked="" type="checkbox"/> NONPREFERRED			
13	<input checked="" type="checkbox"/> NONPREFERRED	06035A2R2CAT2A	CAP 2.2PF +0.25PF 0603 50V	26
14	<input checked="" type="checkbox"/> NONPREFERRED	06035C102MAT1A	CAP FCD 1001 50 20S	28
15	<input checked="" type="checkbox"/> NONPREFERRED	06035C102MAT2A	CAP FCD 1001 50 20S	29
16	<input checked="" type="checkbox"/> NONPREFERRED	06035C102MATMA	CAP FCD 1001 50 20S	30
17	<input checked="" type="checkbox"/> NONPREFERRED	06035A470KAT2A	CAP FCD 47R0 50 10S	31
18	<input checked="" type="checkbox"/> NONPREFERRED	06035A470KATMA	CAP FCD 47R0 50 10S	32
19	<input checked="" type="checkbox"/> NONPREFERRED	06035C103KAT1A	CAP FCD 1002 50 10S	33
20	<input checked="" type="checkbox"/> NONPREFERRED	06035C103KAT2A	CAP FCD 0603 XTR 10NF 10%	37
21	<input checked="" type="checkbox"/> BI	BCN4D182JE	RES NET 18K SMT	19
22	<input checked="" type="checkbox"/> BI TECHNOLOGIES	BCN4D102JE(rem)	CPN: 87RESISTOR ARRAY 10K 47-5	7

Fig. 33

	ALT PART	CPN	JOE MANU	JOE MPN
1	<input type="checkbox"/>	1000		06035A221JAT
2	<input type="checkbox"/>			06035A221JAT
3	<input type="checkbox"/>			06035A270FAT
4	<input type="checkbox"/>	1003		06035A270FAT
5	<input type="checkbox"/>	1004		06035A2R2CAT
6	<input type="checkbox"/>	1005		06035A380JAT
7	<input type="checkbox"/>			06035A380JAT
8	<input type="checkbox"/>	1007		06035A470KAT
9	<input type="checkbox"/>			06035A470KAT
10	<input type="checkbox"/>			06035A471JAT
11	<input type="checkbox"/>			06035A471JAT
12	<input type="checkbox"/>			06035A471JAT
13	<input type="checkbox"/>	1012		06035C102KAT
14	<input type="checkbox"/>	1013		06035C102KAT
15	<input type="checkbox"/>	1015		06035C102KAT
16	<input type="checkbox"/>			06035C102KAT
17	<input type="checkbox"/>			06035C102KAT
18	<input type="checkbox"/>			06035C102KAT
19	<input type="checkbox"/>			06035C102KAT
20	<input type="checkbox"/>	1019		06035C102KAT
21	<input type="checkbox"/>	1020		06035C102KAT

Fig. 34

	JOE_MPIN	JOE_MANU	JOE_DESCRIPTION	Grade	DAYS1	STATUS
1	1-102975-	AMP	06-015039 CON HDR M RA 2R	15	98	NONPREFERR...
2	RM73B2HTE4R...	KOA ELECTRO...	130-1018-000:RES:3MD,1/2...	30	6	PREFERRED
3	OP284FS	ANALOG DEVIC...	17-OP284FS AMPLIFIER DUAL	30	5	PREFERRED
4	BAV99-GS08	INFINEON	200-00006-A0 DIODE,, BA	10	106	OBSOLETE
5	MF55D2431F	KOA	97-MF55D2431F RES MF 2.4...	30	4	PREFERRED
6	RIK73HJT1001F	KOA	97-RK73HJT1001F RES.06...	30	2	PREFERRED
7	BAV99(A7)	ZETEX	A0263806 DIODE,DUAL	15	74	NONPREFERR...
8	BAV99E-6433	SIEMENS	A0263806 DIODE,DUAL	15	73	NONPREFERR...
9	BAV99(A7)	SIEMENS	A0263806 DIODE,DUAL	15	72	NONPREFERR...

Fig. 35

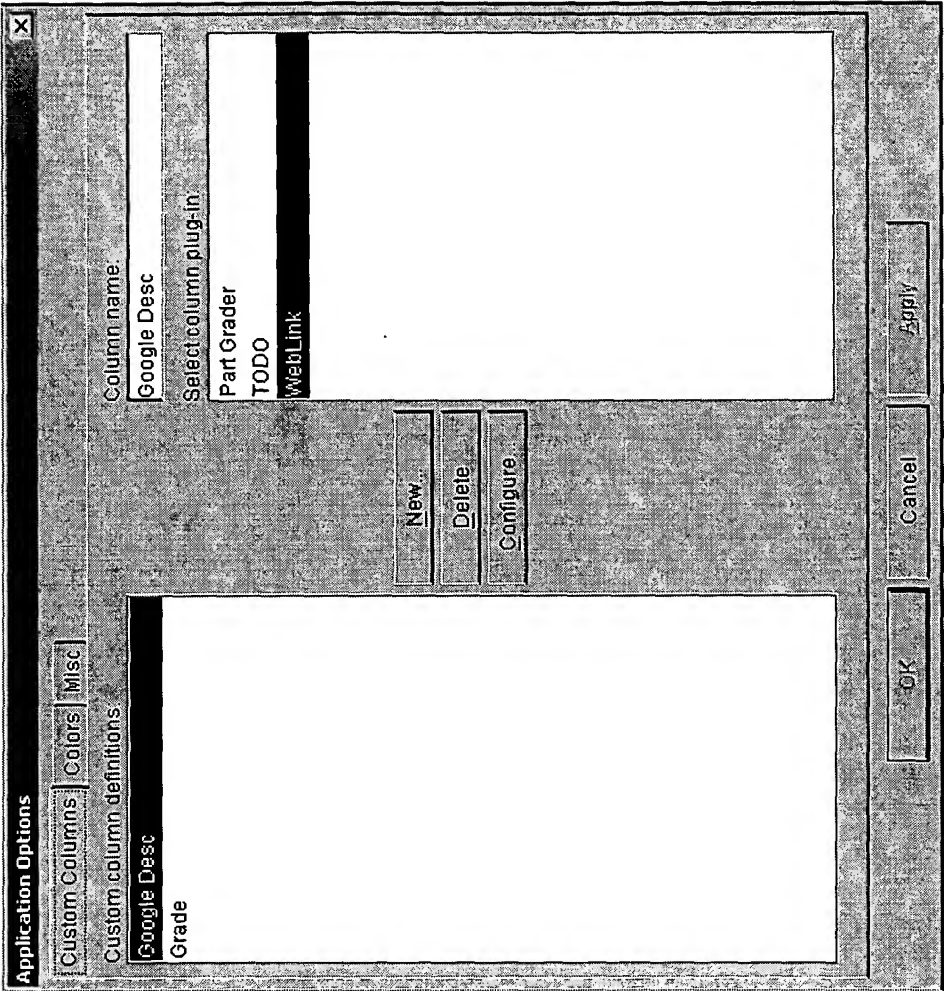


Fig. 36

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SpinCircuit Solutions (Version 3.3.1) - SpinBom									
File Edit Applications Help									
Google Desc	Grade	JOE MPN	JOE MANU	JOE DESC	DAYS IN INV	STATUS			
1	100	821573(rem)	AMP	PLCC SOCKET...	1	PREFERRED			
2	98	RIK73H1JT1001F	KOA	97-RK73H1JT1...	2	PREFERRED			
3	98	PCH-45-224	COILCRAFT	IND 220UH 1.6...	3	PREFERRED			
4	97	MF55D2431F	KOA	97-MF55D2431...	4	PREFERRED			
5	96	OP284FS	ANALOG DEVIC...	17-OP284FS A...	5	PREFERRED			
6	96	RM73B2HTE4R...	KOA ELECTRO...	130-1018-000...	6	PREFERRED			
7	95	BCN4D102JET...	BITECNOLO...	CPN: B7RESIS...	7	PREFERRED			
8	94	4816P-002-472	BOURNS	RES 4.7K OHM...	8	PREFERRED			
9	93	HM168TE472G...	KOA	RESISTOR AR...	9	PREFERRED			
10	93	DF04M	GENERAL SEM...	DAD BRIDGE R...	10	PREFERRED			
11	92	DB102	DIODES INC	DAD BRIDGE R...	11	PREFERRED			
12	91	CN2B4TE182J	KOA	RES NET 1.8K...	12	PREFERRED			
13	91	BCN4D182JE	BI	RES NET 1.8K...	13	PREFERRED			
14	90	AL1008-010K	TDK DISQUAL	IND 104H 20%...	14	PREFERRED			
15	89	DO7608C-223	COILCRAFT	IND 22UH 20%...	15	PREFERRED			
16	88	1008CS-102-XKB	COILCRAFT	IND 1000NH 10...	16	PREFERRED			
17	88	1008CS-102-X...	COILCRAFT-1	IND 1000NH 10...	17	PREFERRED			
18	87	DO1608C-223	COILCRAFT	IND 22UH 20%...	18	PREFERRED			
19	86	THR-MG116-47...	VENIKEL	RES NTWK 470...	19	PREFERRED			
20	86	4816P-1-474	BOURNS	RES NTWK 470...	20	PREFERRED			
21	85	8624-NAT0-89...	MOLEX	HDR 12 POS HI...	21	PREFERRED			
22	84	MF55D2431F	KOA	RES 2.43K 1/8...	22	PREFERRED			
23	83	RIK73H2ATR82...	KOA SPEER	RES 825K 1/10...	23	PREFERRED			
24	83	RIK73H2ATR95...	KOA SPEER	RES 9.53K 1/10...	24	PREFERRED			
25	82	RIK73H2ATR95...	KOA SPEER	RES 953K 1/10...	25	PREFERRED			
26	81	06035A2R2CA...	AVX	CAP 2.2PF +0.2...	26	PREFERRED			
27	81	BB545	INFINEON	DIO BB545 VAR...	27	PREFERRED			
28	80	06035C102MA...	AVX	CAP FCD 1001...	28	PREFERRED			
29	79	06035C103MA...	AVX	CAP FCD 1001...	29	PREFERRED			
Ready							Records: 129	Active Project NA	User: Offline

Fig. 37

[illegible]

Fig. 38a

SpinCircuit Solutions (Version 3.3.1) - SpinWorkbench

File Edit Mode Options Data Append Applications Help

Part Matcher Data Append

Columns currently in data set

Select the column you wish to add:

~ Add ~ Remove ~

	Google Datas	Grade	JOE_MP_N	AME
1		100		821573(em)
2		98		RI73HJ100IF
3		98		PC4-45-224
4		97		MF55D2431F
5		96		OP28AFS
6		96		RM73B2HTE4R
7		95		BCN4D102JE
8		94		4816P-002-472
9		93		HM16BTE472G
10		93		LF04M
11		92		CB102
12		91		CN2B4TE182J
13		91		SCN4D182JE
14		90		NL1008-010K
15		89		DO1608C-223
16		88		1008C S-102-8
17		88		1008C S-102-X
18		87		CO1608C-223
19		86		THR-MG16-47
20		86		4816P-1-474
21		85		8624-NA10-89
22		84		MF55D2431F
23		83		RI73H2AT82
24		83		RI73H2ATF95
25		82		RI73H2ATF95
26		81		06035C-2R20C
27		81		BB545
28		80		06035C102MA
29		79		06035C102MA
30		78		06035C102MA
31		78		06035A4701AT
32		77		06035A4701AT
33		76		06035C103AT

Records: 79 Active Properties: User Online

Ready

Fig. 38b

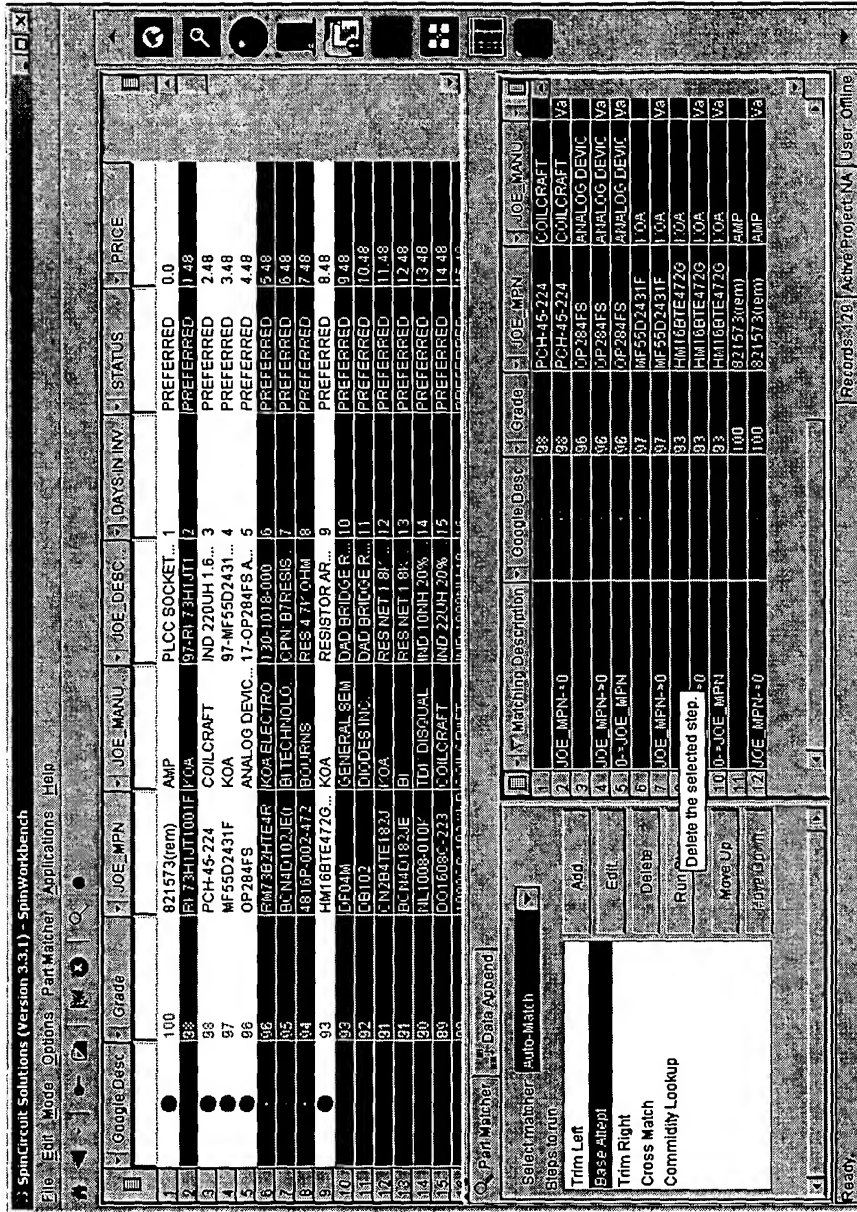


Fig. 38c

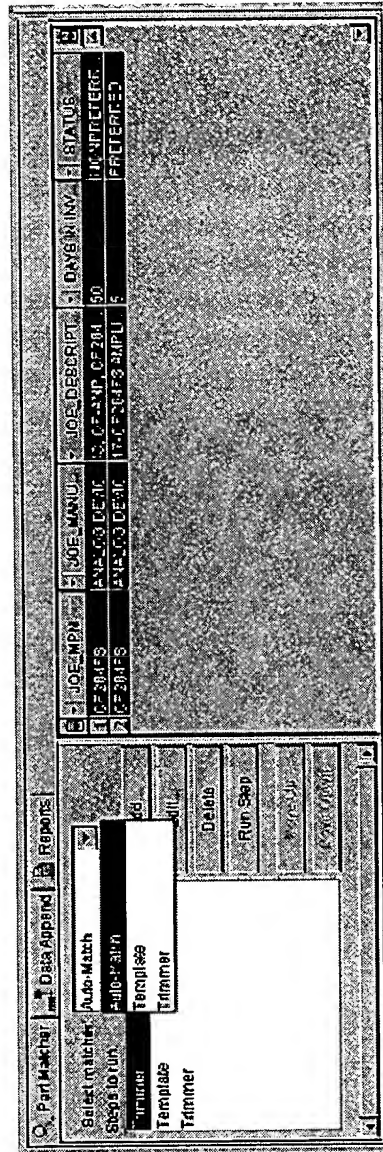


Fig. 39

54 of 82

The interface shows a menu bar with 'Analysis', 'Data Append', 'Part Matcher', and 'Tool Tester'. The 'Select analyzer' dropdown is set to 'Target Cost'. Under the 'Target cost' section, the 'Target cost' input field contains '50' and the 'Calculate' button is visible. The 'Percentage of target' section features a horizontal bar with markers for '100% below', '0%', and '100% above'. The 'Actual percentage below/above target cost' is displayed as '0%' and the 'Actual cost' is '50.0'.

Fig. 40a

The interface is identical to Fig. 40a, but the 'Target cost' input field now contains '100'. The 'Actual percentage below/above target cost' is now '-50%', and the 'Actual cost' remains '50.0'. The horizontal bar for 'Percentage of target' shows a black segment extending from the 0% mark to the -50% mark.

Fig. 40b

The interface is identical to the previous figures, but the 'Target cost' input field now contains '25'. The 'Actual percentage below/above target cost' is now '100%', and the 'Actual cost' remains '50.0'. The horizontal bar for 'Percentage of target' shows a black segment extending from the 0% mark to the 100% mark. A text box at the bottom of the interface contains the instruction: 'Calculate the actual cost and display the results.'

Fig. 40c

Part Grade Column Configuration

Contributing fields

DAYS IN INVENTORY

PRICE

Selected contributing field settings

Field name: PRICE

Select the formula to calculate the field grade

Value Factoring | Range Check | Value Set

What percentage of the total grade is this field (1 - 100)?

50

What is the highest expected value in this field (1 - n)?

130

Select one of the following statements:

☐ A low value is better than a high value

☒ A high value is better than a low value

☐ Do not grade part in this field has a value of zero

Sample calculations:

0 = 0

1 = 0

65 = 25

130 = 50

Display settings

Total part grade: 100

☒ Display grade value

Display colors:

33 Low

Medium

100 High

Add

Delete

OK

Cancel

Fig. 41a

Part Grade Column Configuration

Contributing fields:
DAYS IN INVENTORY
PRICE

Selected contributing field settings:
Field name: PRICE

Select the formula to calculate the field grade:
Value Factoring Range Check Value Set

How many ranges do you wish to have?
3

Enter a value and points for each range:

If value <=	40.0	Add points:	15
Else if value <=	60.0	Add points:	10
Else		Add points:	5

Display settings:
Total part grade: 30
☒ Display grade value
Display colors:
33 Low
66 Medium
100 High

Add Delete

OK Cancel

Fig. 41b

Part Grade Column Configuration

Contributing fields: STATUS

Selected contributing field settings: STATUS

Field name: STATUS

Select the formula to calculate the field grade:

Value Factoring | Range Check | Value Set

How many values do you wish to check for? 3

Enter a value and points for each entry in the set:

If value = PREFERRED Add points: 15

Else if value = NONPREFERRED Add points: 10

Else Add points: 5

Display settings

Total part grade: 100

☒ Display grade value

Display colors

33 Low

56 Medium

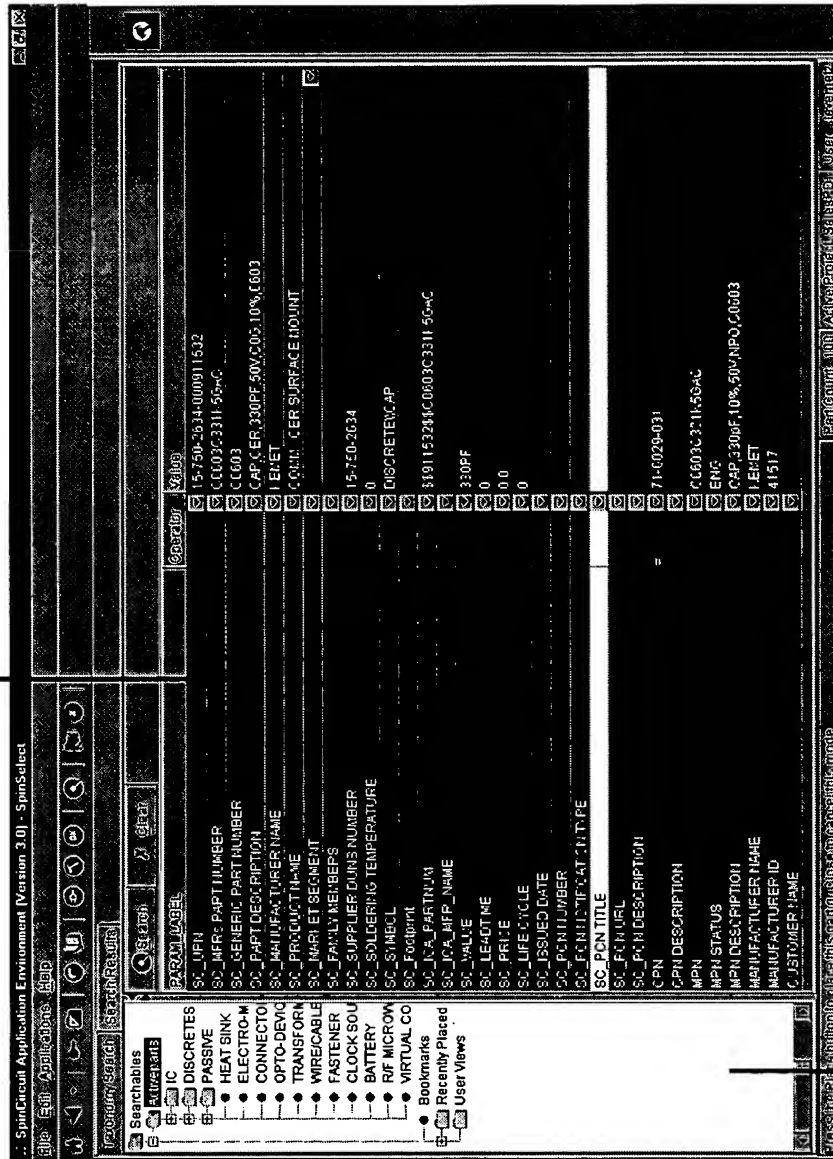
100 High

Add

Delete

OK Cancel

Fig. 41c



Taxonomy Tree pane

Fig. 42

Generic Search pane

Accessory Information pane

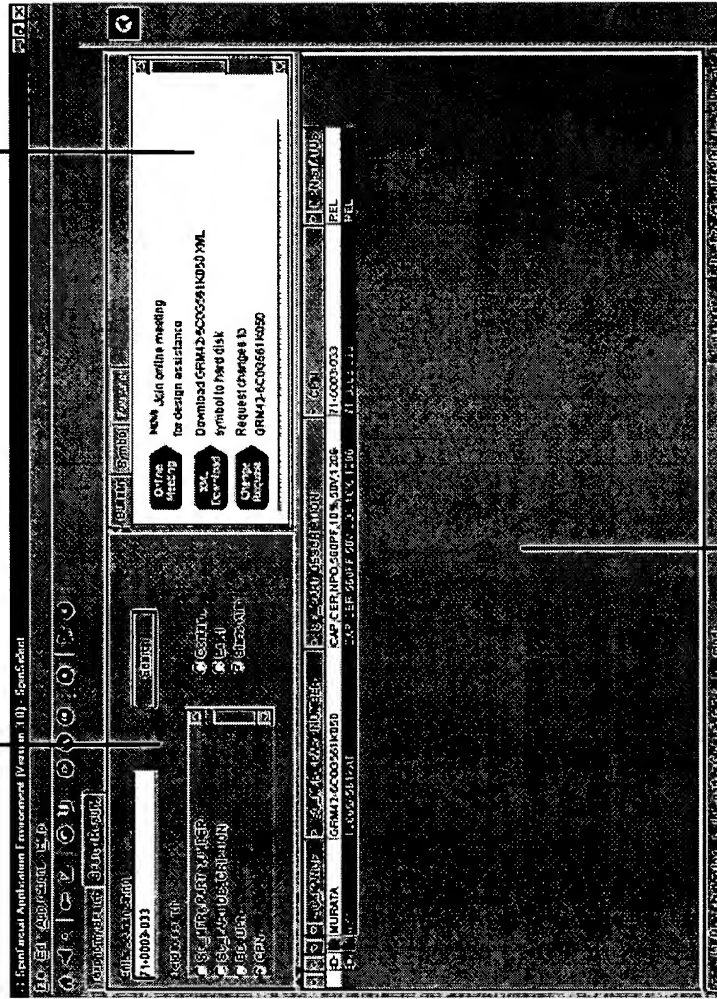


FIG. 43

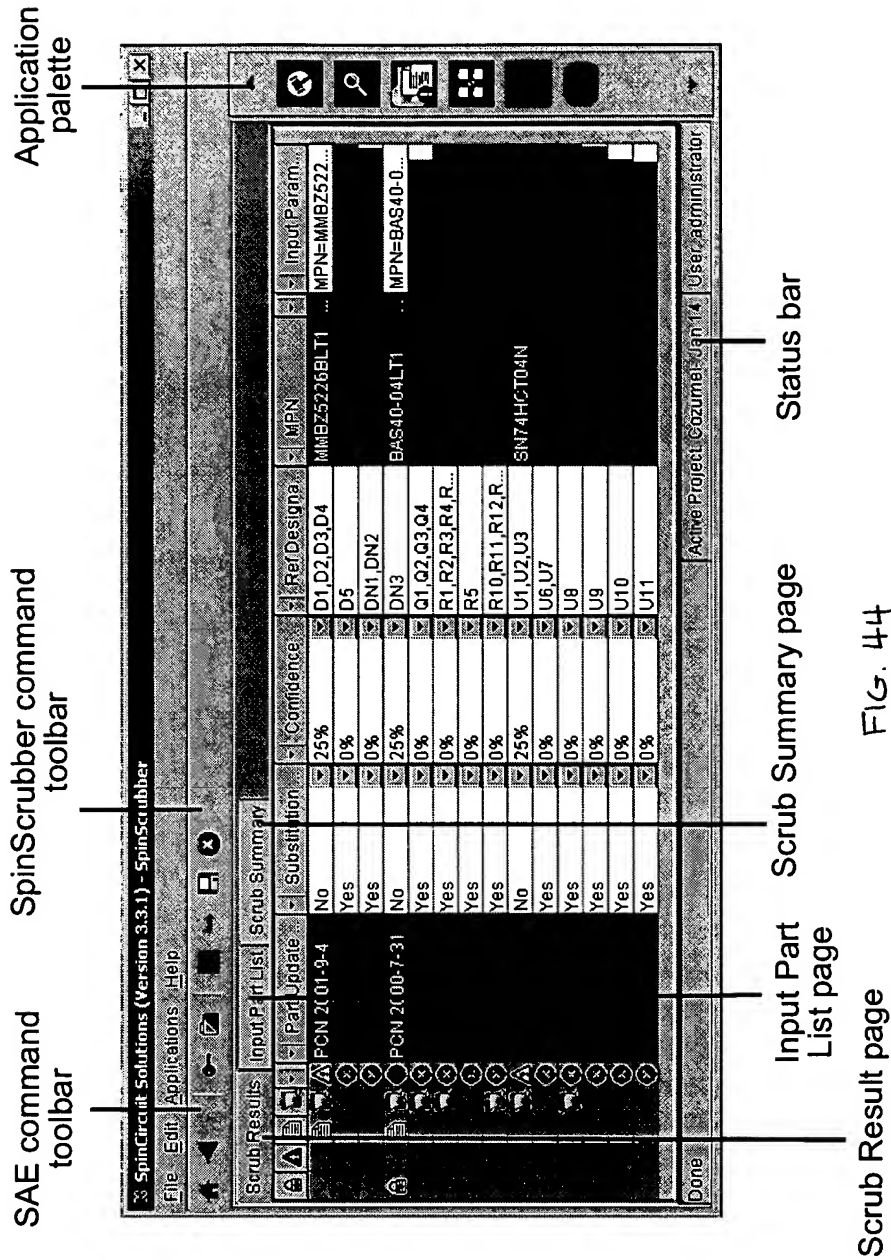


FIG. 44

SpinCircuit Solutions (Version 3.3.1) - SpinScrutber
File Edit Applications Help

SpinScrutber

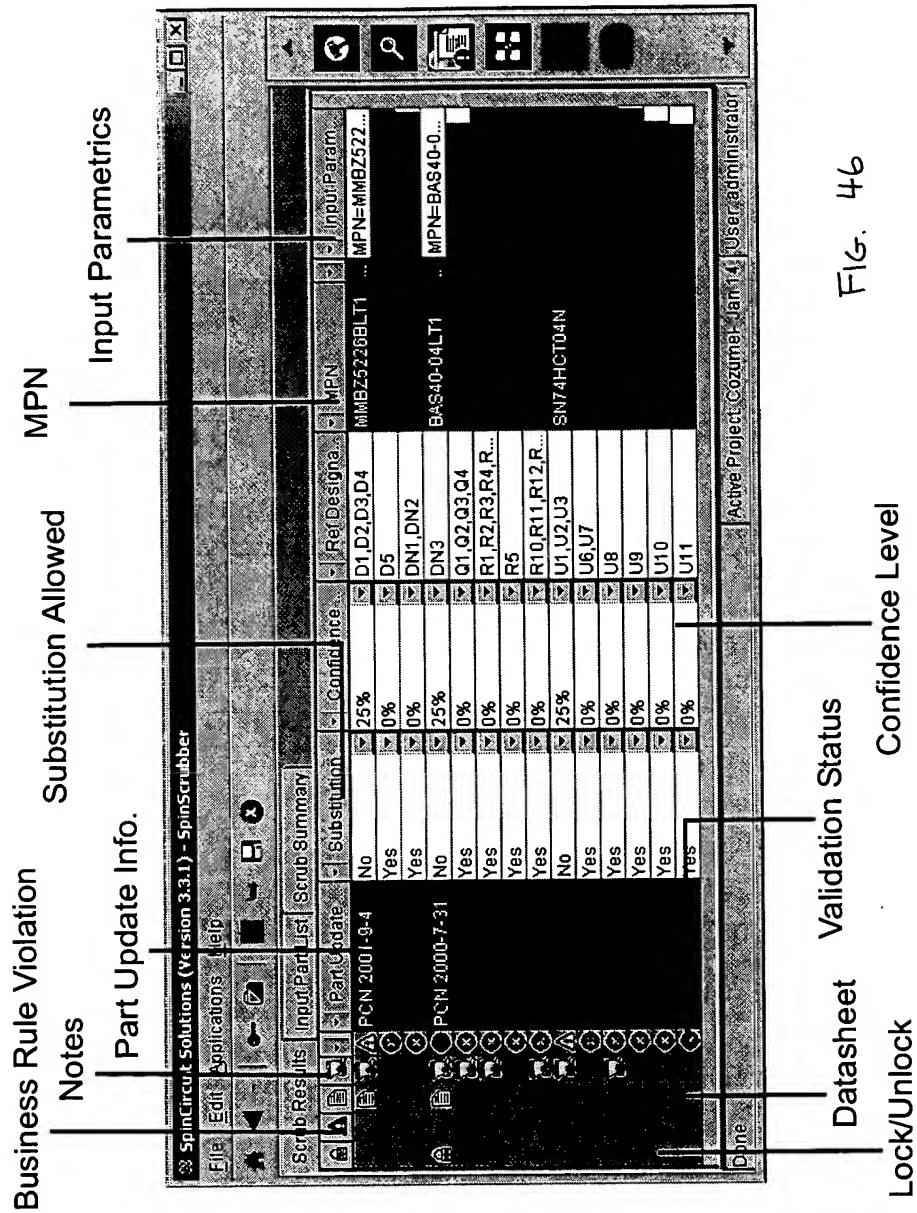
Scrub Results Input Part List Scrub Summary

Line	RefDesig	UPN	GPN	Symbol/Na	InputParameters
1	D1			DIODE_ZE...	MPN=MMBZ5226BLT1;SC_UPN=04-414-9362-000516420
2	D2			DIODE_ZE...	MPN=MMBZ5226BLT1;SC_UPN=04-414-9362-000516420
3	D3			DIODE_ZE...	MPN=MMBZ5226BLT1;SC_UPN=04-414-9362-000516420
4	D4			DIODE_ZE...	MPN=MMBZ5226BLT1;SC_UPN=04-414-9362-000516420
5	D5	04-414-93...		DIODE_ZE...	MPN=MMBZ5226;SC_UPN=null
6	DN1	04-414-93...		DS_DUAL...	MPN=BAS40-04L;SC_UPN=null
7	DN2	04-414-93...		DS_DUAL...	MPN=BAS40-04L;SC_UPN=04-414-9362-000516764
8	DN3			DS_DUAL...	MPN=MMBT100;SC_UPN=00-489-5751-000582796
9	Q1			NPN_BEC	MPN=MMBT100;SC_UPN=00-489-5751-000582796
10	Q2			NPN_BEC	MPN=MMBT100;SC_UPN=00-489-5751-000582796
11	Q3			NPN_BEC	MPN=MMBT100;SC_UPN=00-489-5751-000582796
12	Q4			NPN_BEC	MPN=MMBT100;SC_UPN=00-489-5751-000582796
13	R1			R	MPN=CRCW0603103J;SC_UPN=00-726-5382-001423727
14	R2			R	MPN=CRCW0603103J;SC_UPN=00-726-5382-001423727
15	R3			R	MPN=CRCW0603103J;SC_UPN=00-726-5382-001423727

Done

Active Project: Cozumel-Jan 14 User: administrator

FIG. 45



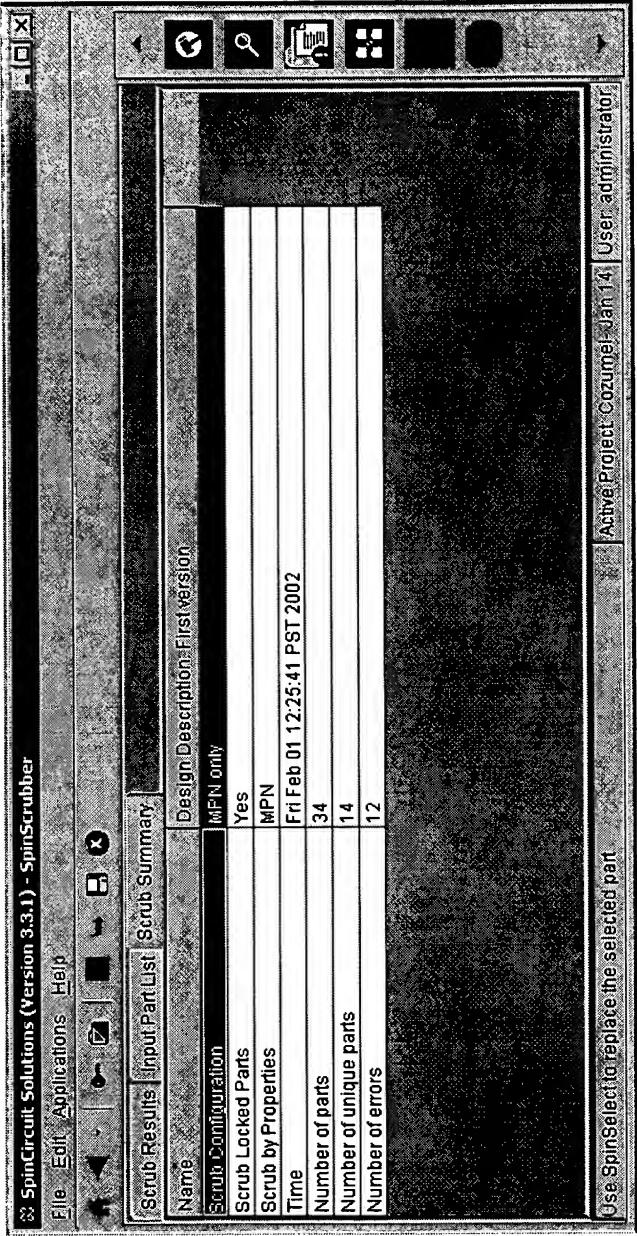


FIG. 47

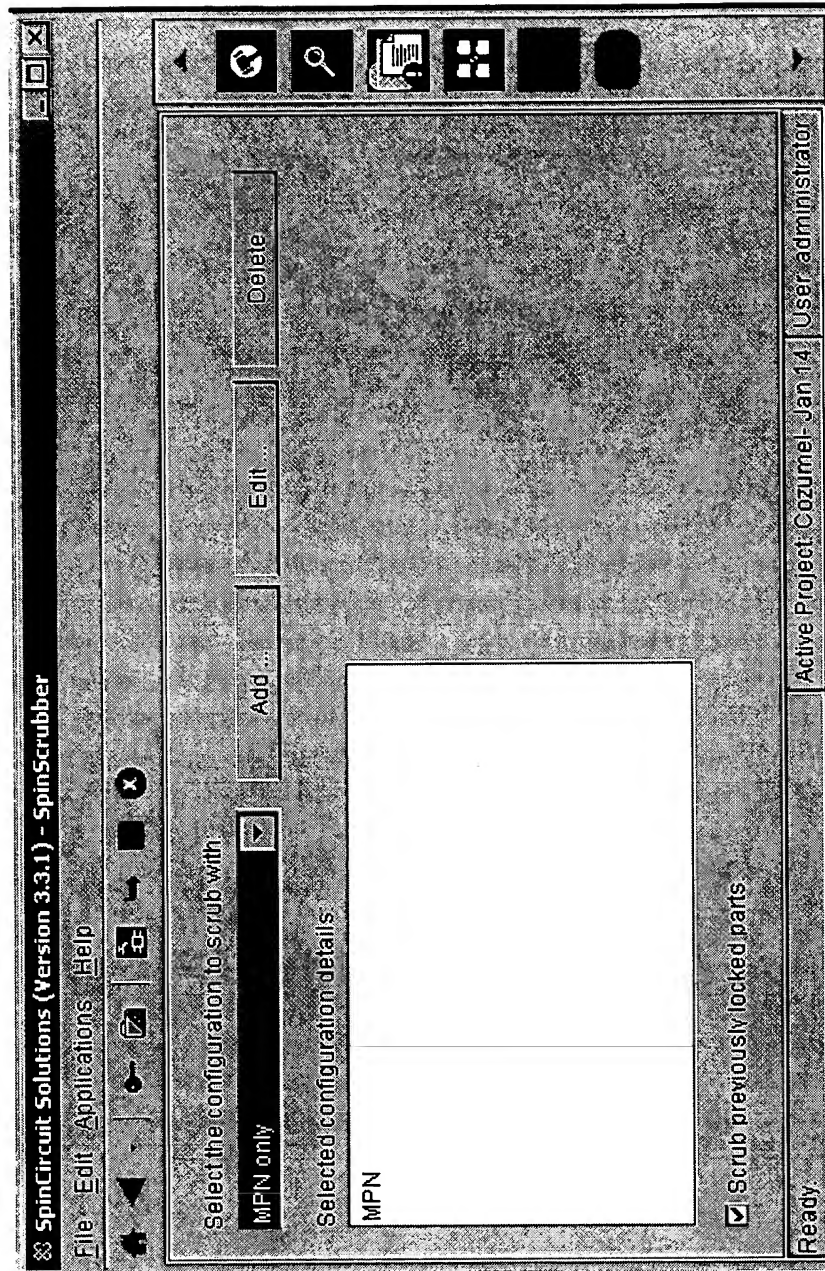


FIG. 48

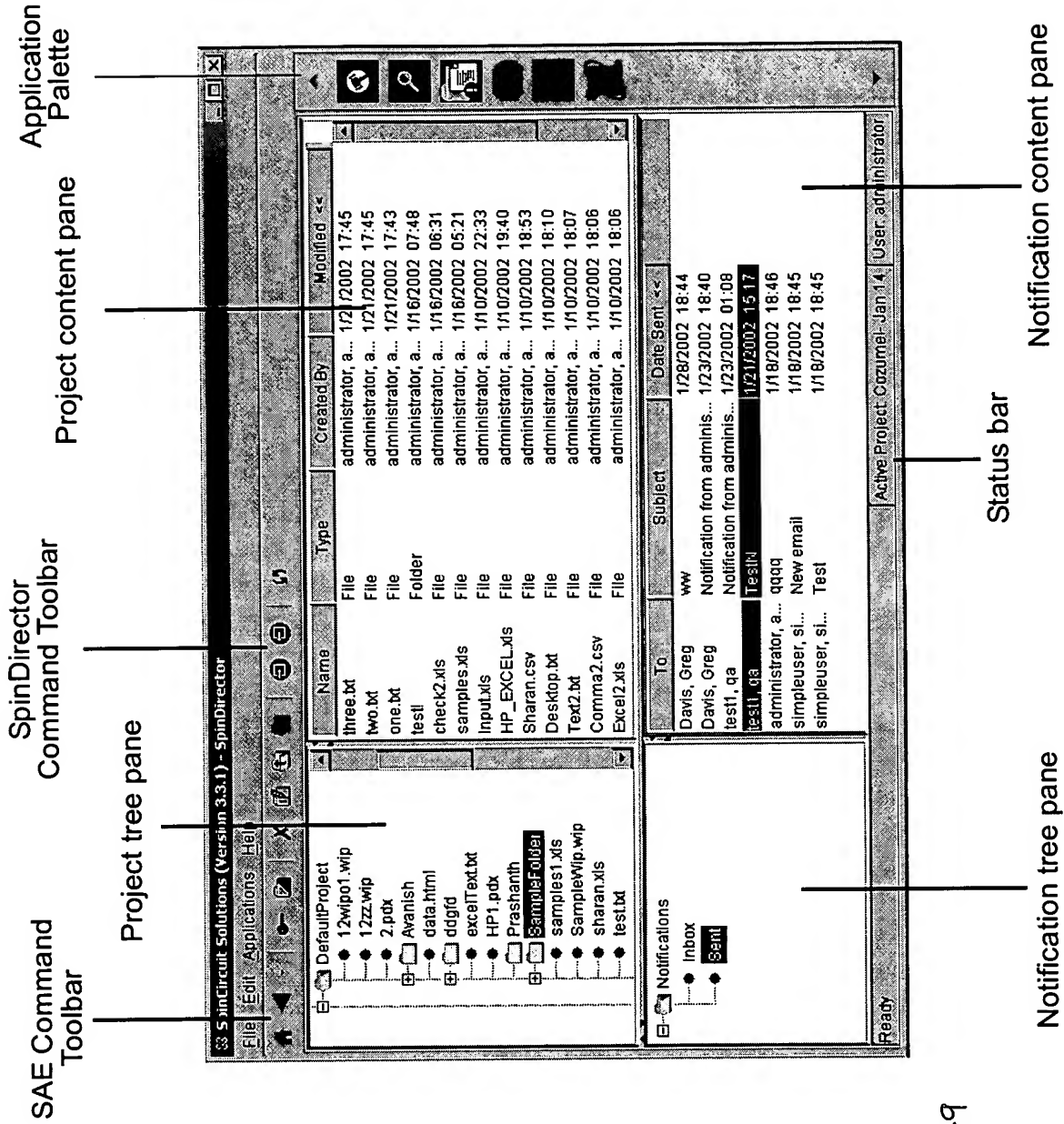


FIG. 49

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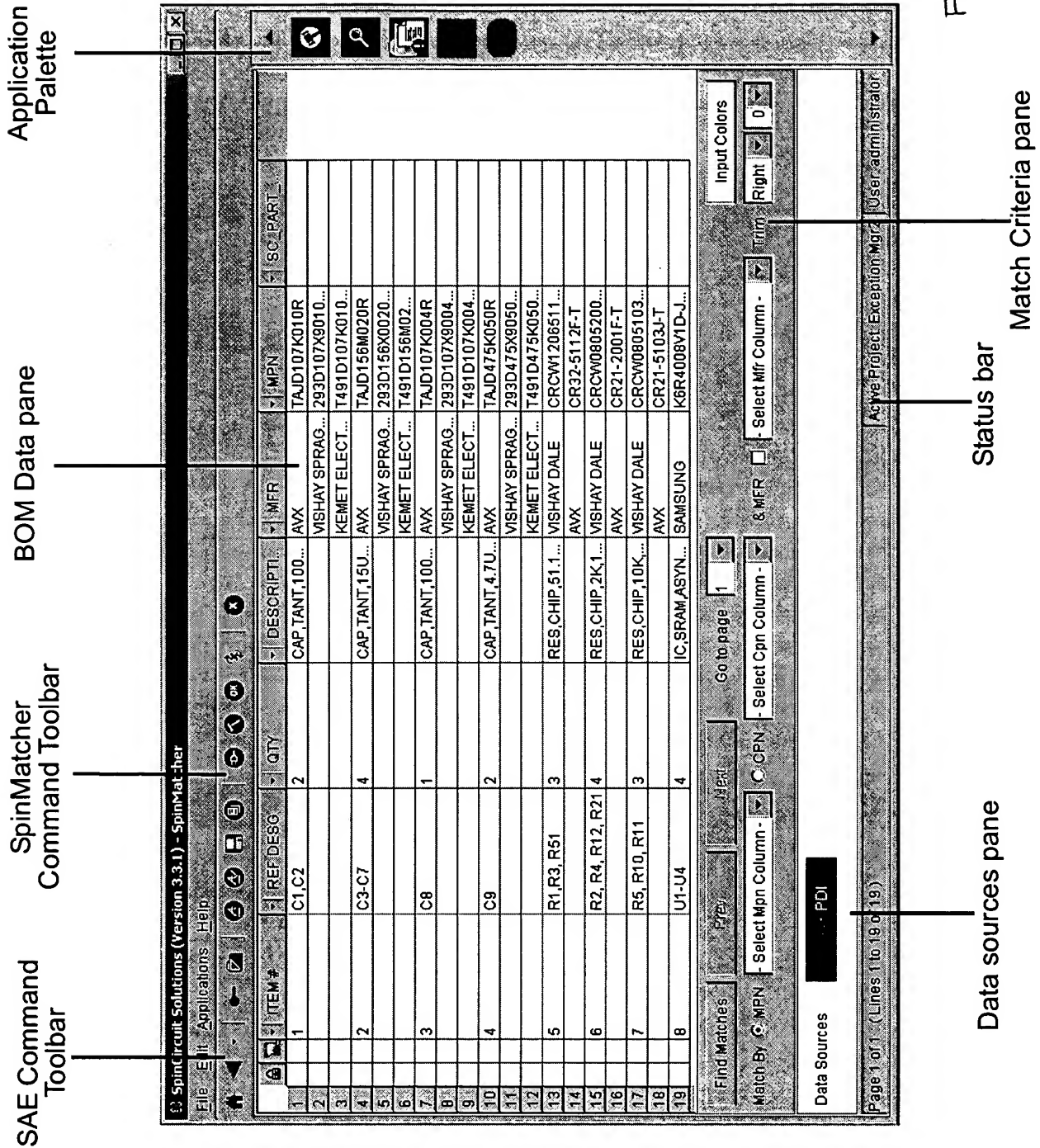
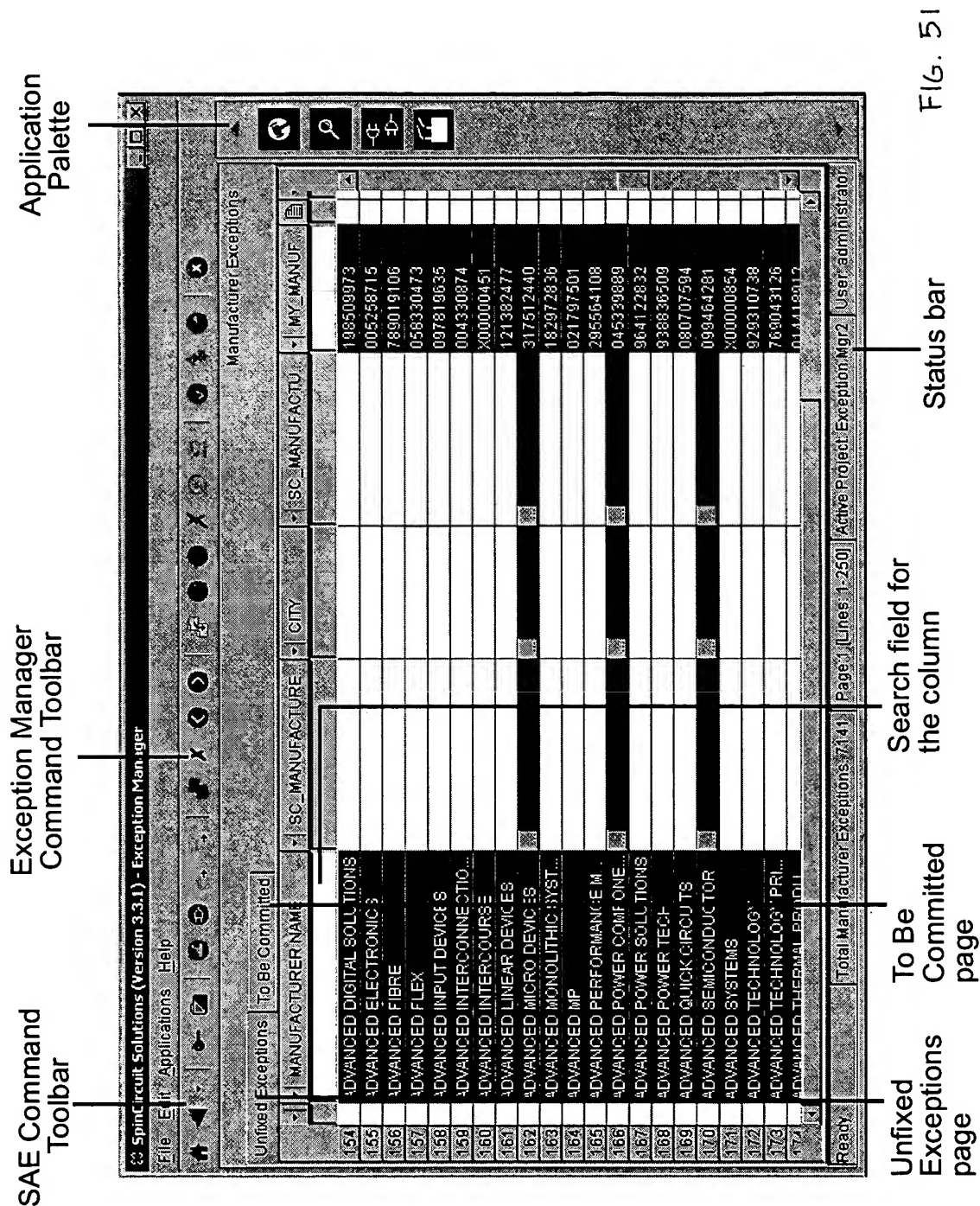


FIG. 50



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SpinCircuit Solutions (Version 3.3.1) - Exception Manager

File Edit Applications Help

Unified Exceptions To Be Committed

Manufacturer Exceptions

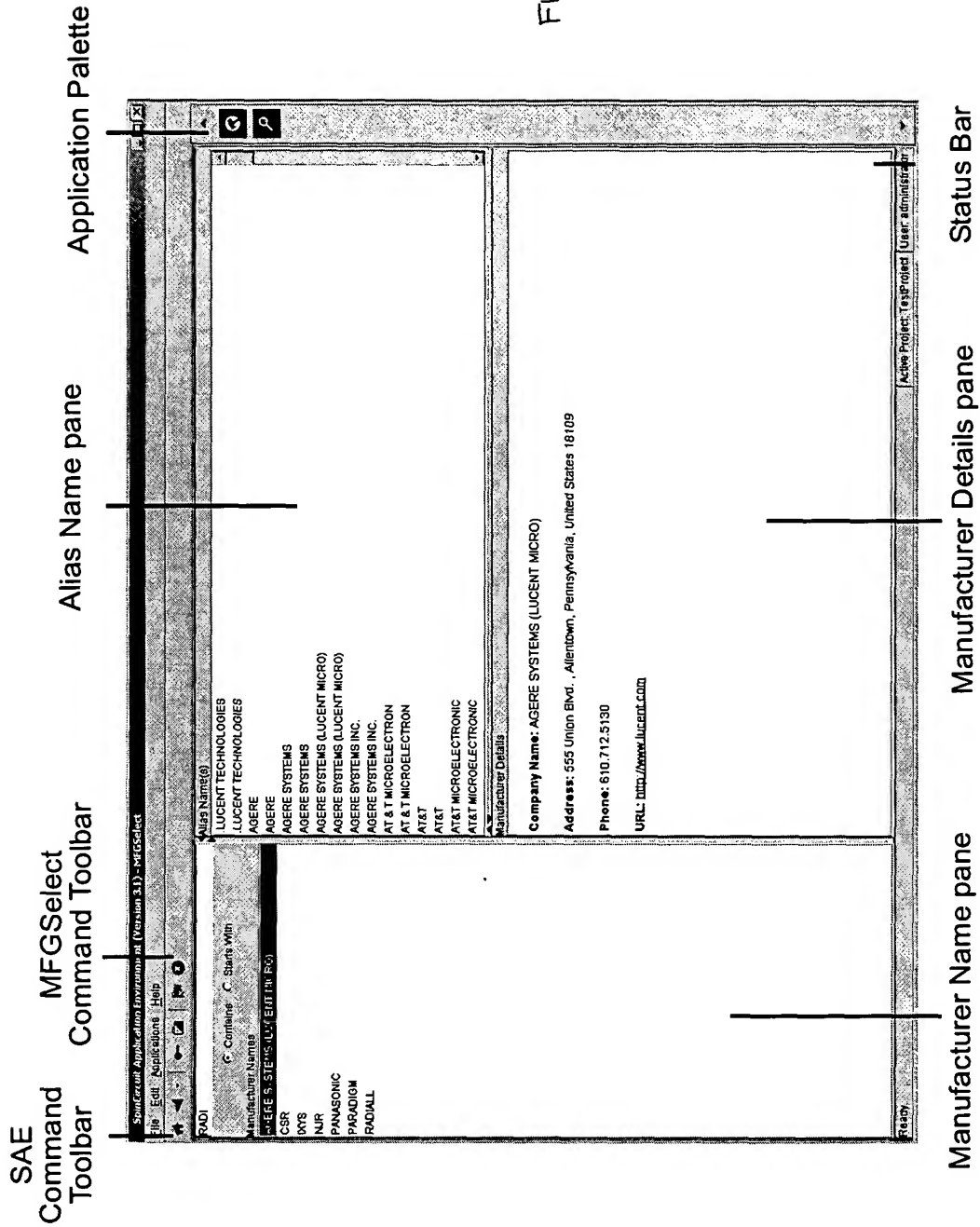
	MANUFACTURER NAME	SC MANUFACTURER	CITY	SC MANUFACTURE	MY MANUFAC	SETTING APPLIED
1	<input type="checkbox"/> ADVANCED MICRO DEVICES				317512440	Match
2	<input checked="" type="checkbox"/> ADVANCED INTERCOURSE				X000000451	DEL
3	<input checked="" type="checkbox"/> ADVANCED INPUT DEVICES				097819635	NMR
4	<input type="checkbox"/> AIRPAX				071185082	Match
5	<input checked="" type="checkbox"/> AIR PRIME				088533240	DEL
6	<input checked="" type="checkbox"/> AIR LOGIC POWER SYSTEMS				074258656	DEL
7	<input checked="" type="checkbox"/> RIO COMPONENTS				662394832	DEL
8	<input checked="" type="checkbox"/> AIH				133358395	NMR
9	<input checked="" type="checkbox"/> AIFOCS				883344814	NMR
10	<input checked="" type="checkbox"/> AIE				094118881	NMR
11	<input checked="" type="checkbox"/> AIDTRONICS				X000000032	NMR
12	<input type="checkbox"/> AEP				137256074	Match
13	<input type="checkbox"/> AE				031779721	Match
14	<input type="checkbox"/> ADVANCED SEMICONDUCTOR				093464281	Match

Ready

Total Manufacturer Exceptions 7/14 Page 1 Lines 1-250 Active Project Exception Mgr2 User administrator

FIG. 52

FIG. 53



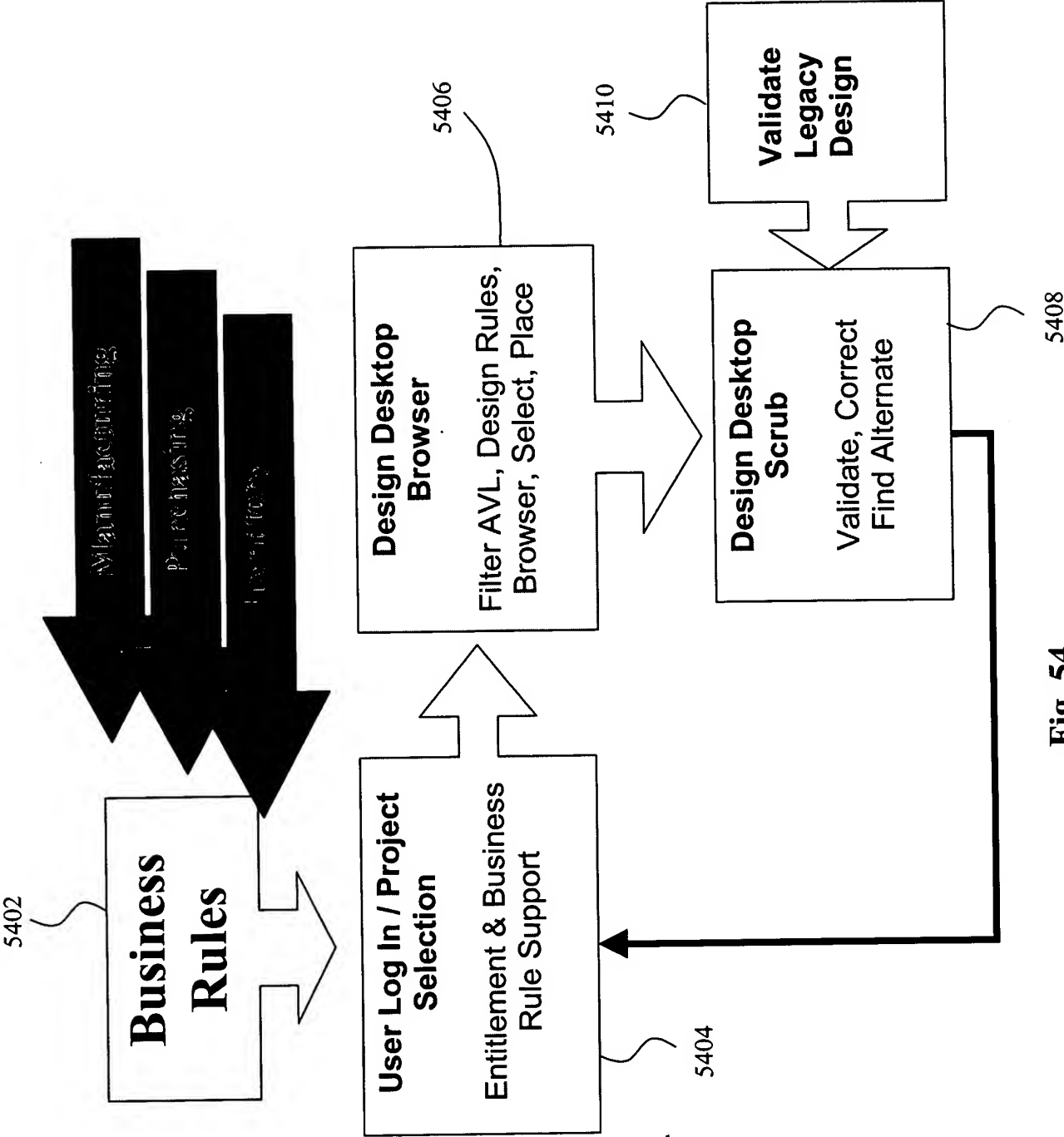


Fig. 54

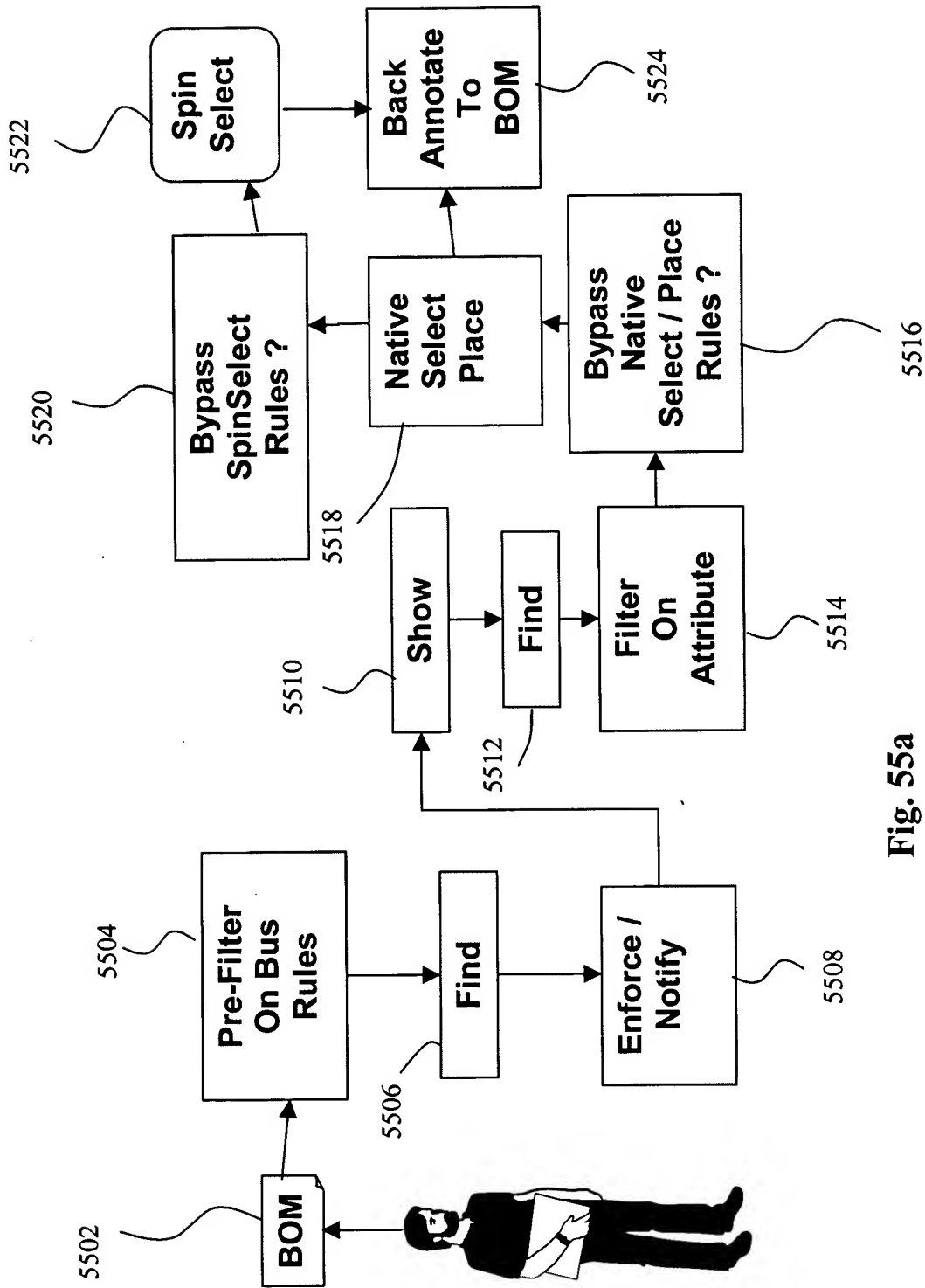


Fig. 55a

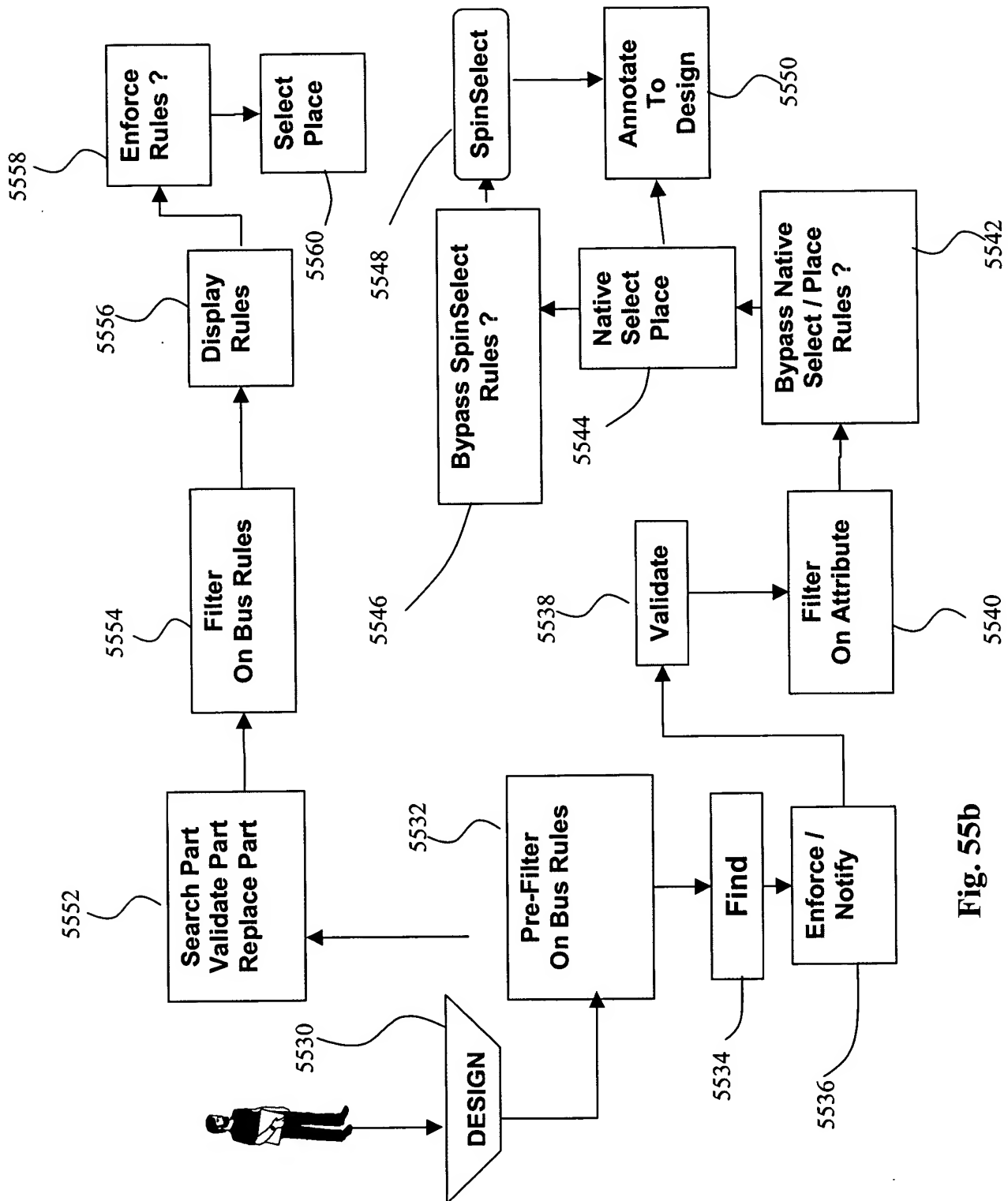
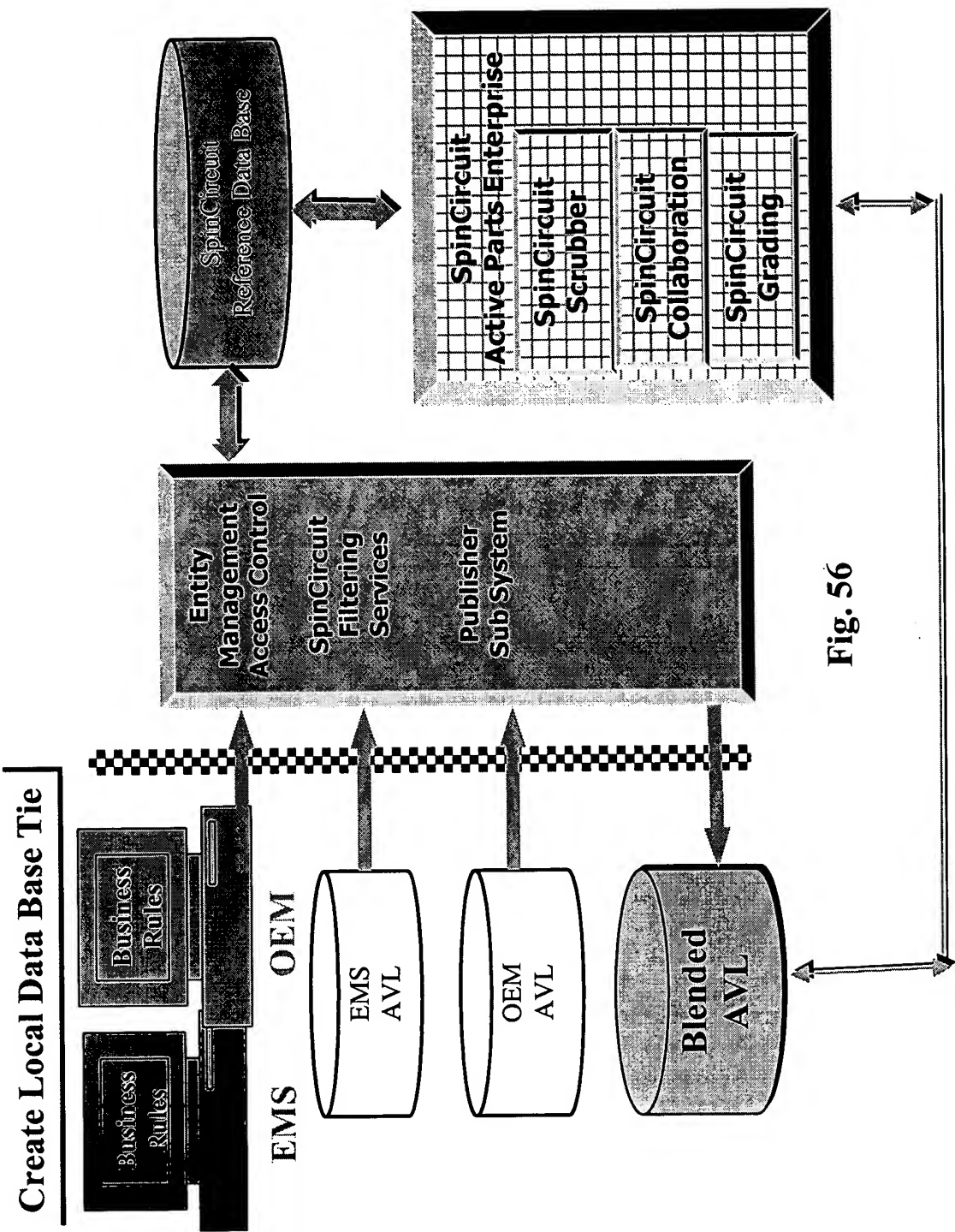


Fig. 55b

Fig. 55c



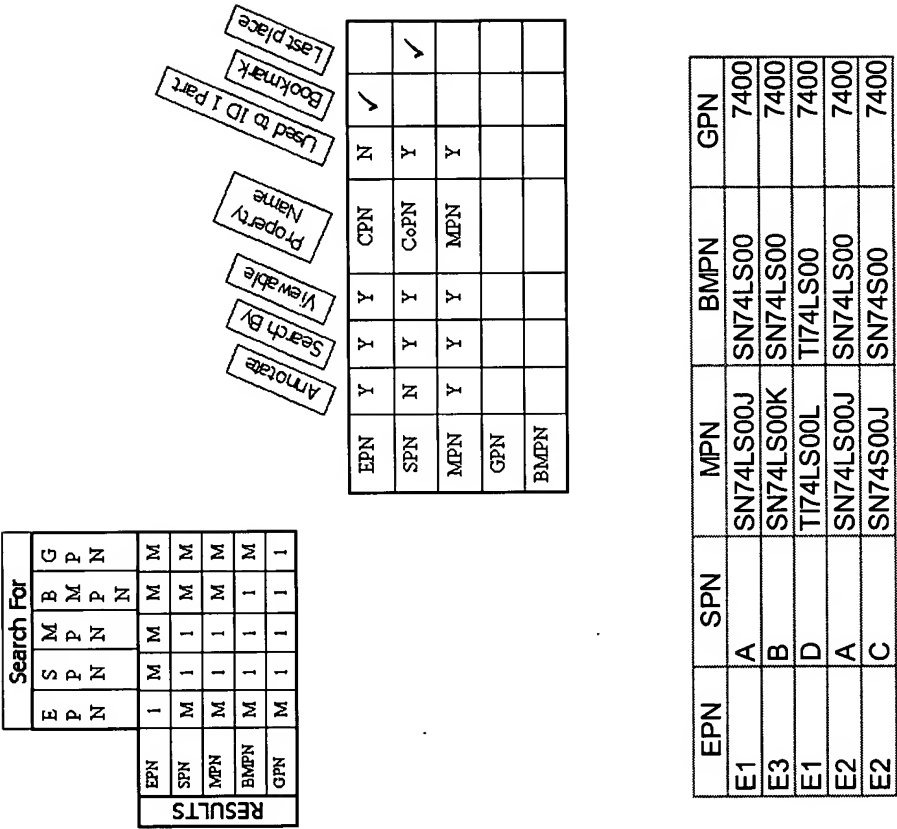


Fig. 57

IDENTIFICATION										Use Model							FORM	FIT	FUNCTION
EPN										EPN	CPN	OPN	GPN	GMPN	MPN	UPN			
CPN	Y	Y	Y	Y		CPN	AAXXXXXX			M				X	M			X	
OPN																			
GPN																			
GMP																			
MPN	Y	Y	Y	Y		MPN				M					S			X	
UPN																			

Fig. 58

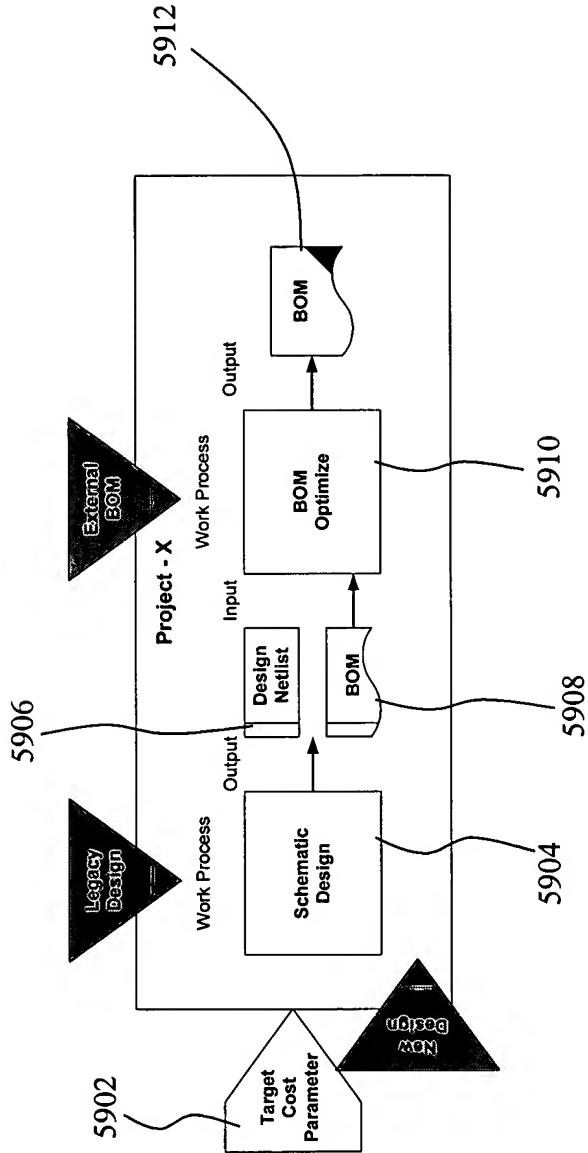


Fig. 59

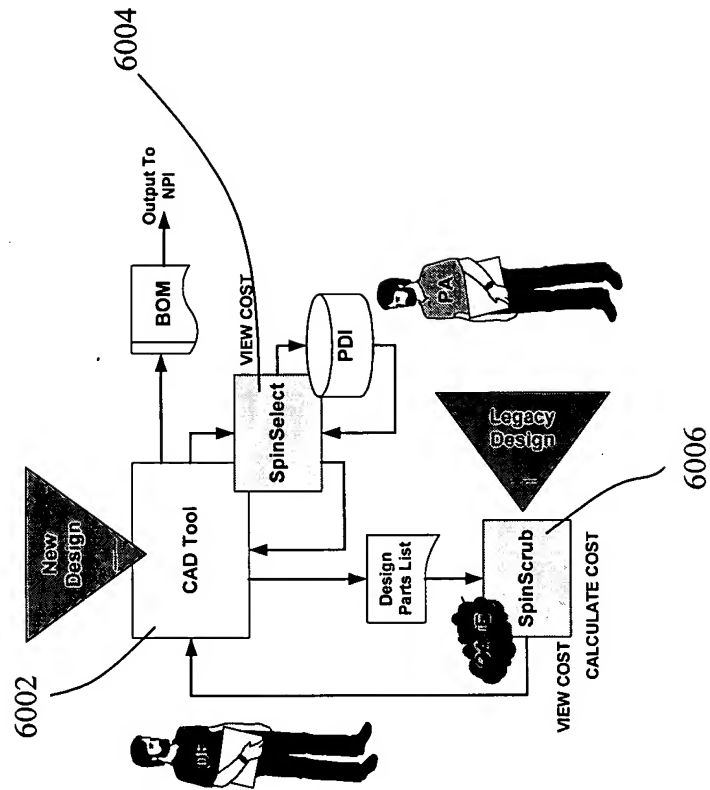
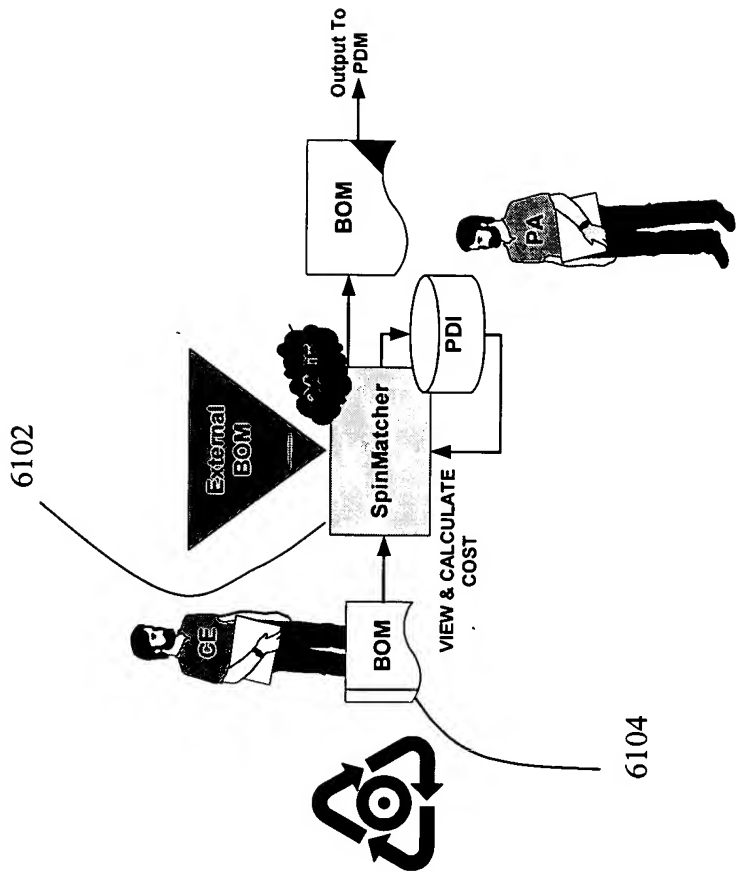


Fig. 60

Fig. 61



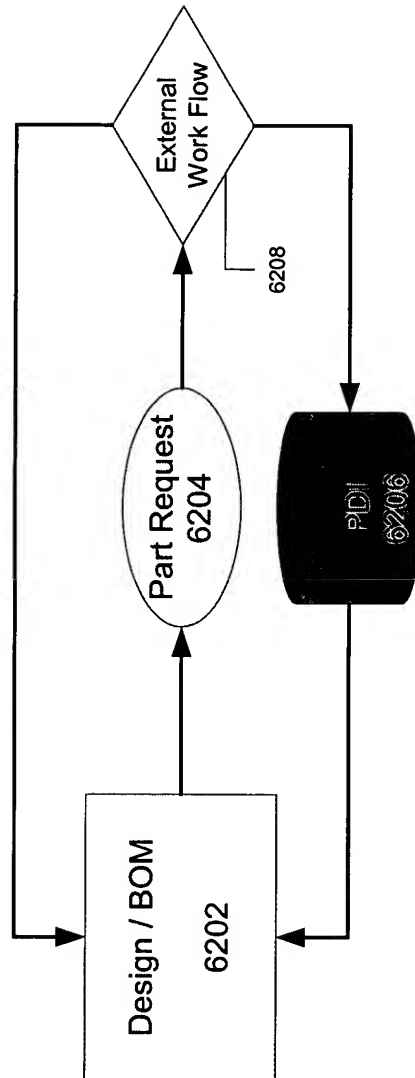


Fig. 62

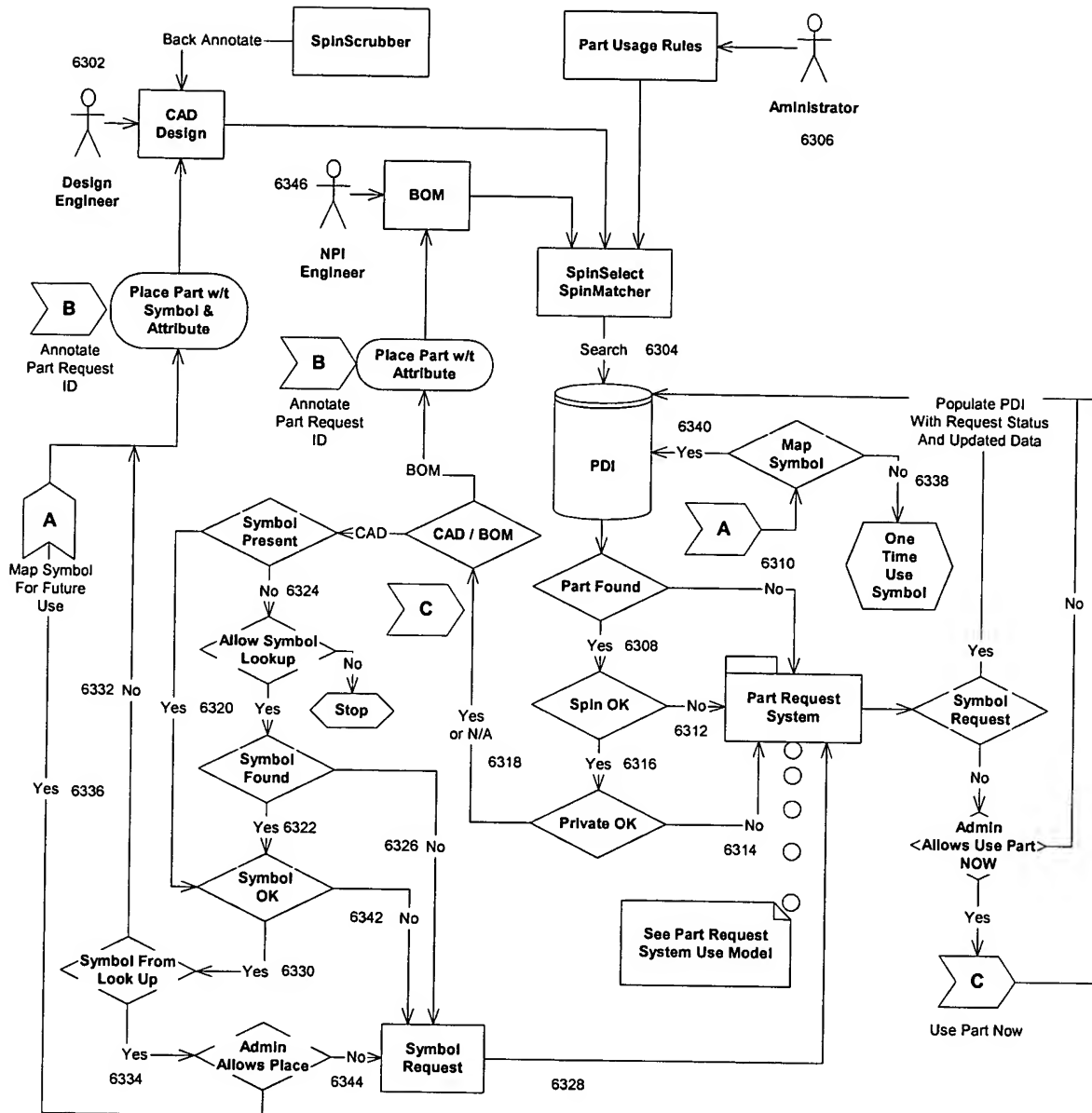


Fig. 63

Fig. 64